

# TY-FLÖT

CUTTING-EDGE PREVENTION



PRODUCT CATALOG

# Contents

<b>FIELD SERVICES</b>	<b>6</b>	Wrist Cuffs (Patent No. 8,210,406)	31
<b>FME CABINETS</b>	<b>8</b>	Standard and EZ Clean Tool Tethers	31
Basic FME Cabinets	9	Pen, Pencil, Marker Lanyards	31
Auxiliary FME Cabinets	9	Standard Tooling Lanyards	32
Supreme FME Cabinets	9	Economy Lanyards	32
Extreme FME Cabinets	9	Versaclamp™ Lanyard	32
<b>FME TRACKER ELECTRONIC ACCOUNTABILITY LOG10</b>		Versaclamp™ Universal Badge Clips	33
<b>RAIL RIG</b>	<b>11</b>	Cell Phone and Dosimetry Leashes	33
<b>ATTACHMENT POINTS</b>	<b>12</b>	Camera Lanyards	33
Tool Collar® Kits (Patent No. 8,567,290 & 8,567,291)	13	Neck Lanyards	34
Plastic Tool Collar® Kits	13	Retractable Pen and Badge Lanyards	34
Tool Colloar® Replacement Parts	14	Neck Lanyard Pen Holder Retention Sliders	35
Grip-Fit Universal Swivel Cup Tether Attachment	14	Non Metallic Badge Clip	35
Attachment Friction Tape	14	Retractable Tooling Lanyards	35
Tether Cinch Loops	15	Tether-Ready Hammers (Patent Pending)	36
Swivel Tether Cinch Loops	15	Glove Clip	36
Tether Loop Attachments	15	Locking Tool Retractor	36
D-Ring Webbing	16	PPE Caddy® with Eyeglass Holder	37
Heavy-Duty Shrink Rings	16	Tether-Ready Screwdrivers	37
Tool Lanyard Attachment Tape	16	Shackle Pin Swivel Lanyards	37
High Strength Shrink Loop Attachments	18	Dual End Scaffold Wrench	37
Drill Boot™ (Patents Pending)	18	<b>ANTI-DROP STORAGE</b>	<b>38</b>
Tape Measure Sleeve (Patent No. D711,753)	18	Retractable Tape Measure Pocket	39
Retractable Radio Holster	19	Retractable 1 and 2 Tool Pockets	39
Double Dee Rings (Patents Pending)	19	Retractable Hammer or Ratchet Pocket	39
Anti-Vibration Tool Lanyard Shackles	19	4 Pocket Retractable Scaffold Tool Pouch	39
Split Rings and Key Rings	19	5 Pocket Retractable Glazier Pouch	40
Tool Tethering Station	20	Anti-Spill Parts Pouches	40
Deluxe Lanyards	20	Self-Closing Parts Pouch	40
Type 2 Connector	20	Specialty Tool Belts	40
Cylindrical Heat Shrink Connectors	21	Comfort Fit Utility Belt	41
Deluxe Lanyard Tool Belts	21	Leather Retractable Alignment Pin Pocket	41
Lanyard Attachment Kits	21	Leather Retractable Hammer Pockets	41
<b>QUICK-SWITCH</b>	<b>22</b>	Leather Retractable Tool Pockets	41
Quick-Switch™ Belt Mount	23	Retractable Coil Pouches	42
Quick-Switch™ Scaffold Kits	23	Tool Pocket Adaptors	42
Quick-Switch™ Single and Dual Tool Pockets	24	Double-Up™ Retractors (Patent No. 8,919,629)	42
Quick-Switch™ Tape Measure Pocket	24	Locking Double-Up™ Retractor	42
Quick-Switch™ Hammer or Ratchet Pocket	24	Adjustable Tool Belts and Carabiner Adapters	43
Quick-Switch™ 3 Tool Pocket	24	Rigid Tool Buckets	43
Quick-Switch™ Saddle	25	180lb Tethered Tool Bucket with Swivel Carabiner	43
Quick-Switch™ Rail Apron	25	150lb Closure Rated Tool Buckets	43
Quick-Switch™ Rated Tool Buckets	25	300lb Zip Top Dual Rated Tool Bucket	44
Quick-Switch™ Bolt Bag	25	100lb Closure Rated Tool Buckets	44
<b>TOOL LANYARDS</b>	<b>26</b>	500lb Closure Rated Tool Buckets	44
Hard Hat Lanyards (Patent No. 8,117,678)	27	Parts and Assemblies Bags	45
Eyeglass Retainers	27	Wet/ Dry Vac and Mop Bucket Lift Bag	45
Metal Free Dual Breakaway Retainers	27	Magnetic Trays and Side Trays	45
Safety Tether Break-Aways	28	17 Pc Tether-Ready Tool Apron Wrench Kit	46
Tool Snake Lanyards	28	32 Pc Tether-Ready Tool Apron Kit	46
HD Tool Snake Lanyards	28	Rig Cabinet Tethered Tool Kits	46
Dual Carabiner and Anchor Lanyards	28	<b>BARRIERS</b>	<b>47</b>
Heavy-Duty Tool Lanyards	29	Nylon FME Covers	48
Carabiner and Snap Hooks	29	Vented Nylon FME Covers (Patent No. 7,900,654)	48
Retractable Wrist Cuffs (Patent No. 8,210,406)	29	Economy FME Covers	49
Swivel Coil Tool Lanyards (Patent No. D676,734)	30	High Temperature FME Covers	49
Dual Action Plastic Snap Hook Tool Lanyard	30	FME Cover Hamper	49
Universal Suspension Tape Dispensers	30	XERO Waste® FME Covers	50
		High Temp Weld Fit-up Covers	50
		Tether-Ready NPT Plugs	50

Standard Caps and Plugs for Tubing and NPT	51	FME Ready Worker Signs	75
V Series Caps and plugs	52	Think FME™ Floor Mats, T-Shirts, Stickers, Caps	76
NPT Caps Series	52	FME Guy/Gal Apparel	77
Metric Caps and Plugs	53	Focus on Prevention Neck Lanyards	77
Swage Series Caps and Plugs	53	Falling Objects Kill! Caps	77
Flange Protector Caps Series	53	Falling Objects Kill! T-Shirts	77
Turbine and FME Safe-T-Sponge®	54	<b>TINTED PLASTICS</b>	<b>78</b>
Inflatable Bag Plugs and Accessories	55	Tinted Zip lock Closure Bags	79
Expansion Plugs	56	V-Pak™ Dosimetry Bags	79
Expansion Plug Kit	56	Tinted Sleeving/Lay Flat Tubing	79
Flow Stoppers	57	Tinted Drum Liners	80
FME Drain Plug	57	Tinted Side Shields	80
Mushroom Vent Caps	58	Tinted PVC Tubing	81
Breather Vent Filters	58	Tinted Document Protection	81
Aluminum Vent Caps	58	Tinted Stretch/Shrink Wrap	81
Floor Covering Coverguard	59	Tinted Zip Lock Closure Document Protection	82
Confined Space Covers	59	Tinted Tag and Card Holders	82
Round and Square FME Drain Covers	60	Expandable Document Folder	82
Vinyl Magnetic Sheets	60	Electrical Blanket Insulating Rolls	82
Fabric Material for Makeshift Barriers	60	<b>ALTERNATIVE ITEMS TO REDUCE FOREIGN MATERIAL</b>	<b>83</b>
HDPE Rigid Sheets and Large Flange Protectors	61	Nylon High Strength Floating Cable Ties	84
Parts and Equipment Covering Tarps	61	Double Loop Cable Ties	84
FME Printed Griffolyn	61	Natural Floating Cable Ties	85
FM Approved and Certified Welding Fabrics	62	Tefzel Cable Ties	85
Garden Hose Caps and Plugs	62	Hook and Loop Fasteners	85
<b>BARRIER IDENTIFICATION</b>	<b>63</b>	Metal-Free Safety Glasses	86
FME Barrier and Exempt Stickers	64	Floating Face Shields	86
Flagging Devices for Plugs with Clips	64	Economy Floating Face Shields	86
Flagging Devices for Plastic Plugs	64	Floating Flashlights	86
<b>ZONE CREATION AND CONTROL</b>	<b>65</b>	FME and Nuclear Grade Duct Tape	87
Drop Zone and FME Zone Barricade Tape	66	Link Tools Ratchet Kits	87
15' Retractable Stanchions	66	Foot Scrubber	87
30' Retractable Stanchions	66	Floating Binoculars	88
65' Retractable Stanchions	66	Floating, Tether-Ready, and Microfiber Rags	88
Cone Mounted Retractable Barrier	67	Abrasive Tool Cabinet	88
Plastic Chain Stanchions	67	Abrasive Tool Kit	89
Debris Netting	67	Bristle Discs and Accessories	89
Handrail Barriers	68	Low RPM Grinders	90
Tinted Lexan Sheeting	68	Ceramic Bristle and Flap Disc	90
Floor Tape	68	Certified High Filament Retention Wire Wheels	91
Flat Signs	68	Alternatives to Hand Wire Brushes	91
Insert Signs	69	Stub-Safe Weld Stub Buckets	91
Universal Sign Holders	69	Argweld Purge System	92
Magnetic Hooks	69	Orange FME Coveralls	92
Tacky Mats	70	<b>INSPECTION AND RETRIEVAL</b>	<b>93</b>
FME Monitor Arm Bands	70	iShot® iGrab™ FOSAR Manual Retrieval Tool Kits	94
FME Monitor Vests	70	iShot® iGrab™ Individual FOSAR Retrieval Tools	94
FME Monitor and FME Guy/Gal Decals	70	iShot® iGrab™ Electro-Mechanical 750 Retrieval Tool	94
FME Monitor Bags	71	Long Handled Zoom Motorized Tilt Pole	95
FME Monitor Kit	71	See Snake Micro Explorer	95
Inventory Labels	71	Inspection Kit	95
Shadowboxing	71	Illuminated Pick-Up Tools	95
FME Tracker Electronic Accountability Log	71	Lighted Pen Pick Up Tool and Replacement Packs	96
<b>AWARENESS</b>	<b>72</b>	Shatter-Proof Inspection Mirrors	96
Dropped Objects Safety Posters	73	Magnetic Pick-Up Tools	96
Dropped Object Safety Stickers	73	Long Handle Tweezers	96
Think FME™ Posters and Calendars	74	Suction Cup Retrieval Aid	97
Display Boards	75	Shatter-Proof Mirror and Magnet Kits	97
Think FME™ Banners	75		
FME LCD Safety Alert Display	75		

# Meet Ty-Flöt, Inc.

Since 1995, Ty-Flöt, Inc. has been an innovative provider of foreign material exclusion and dropped object prevention products, training and safety programs. In addition to our commitment to staying ahead of the curve—with our multiple patents and constant research and development program, we have also led the industry in safety—supporting programs that keep professionals safe. It's this forward thinking dedication to the industry, customer service and product development that proves how well equipped we are to serve each of our focus industries—including, but not limited to:

- Nuclear Power
- Oil & Gas
- Power Generation
- Fossil & Wind Generation
- Refineries
- Chemical Plants
- Commercial Construction
- High Rise Maintenance
- Bridge Building
- Crane Services

# 6 Steps to Progress and Efficiency

**Step 1:** Activate staff and general contractors with the FME core basics: This fundamentals training program educates workers and contractors on critical principles.

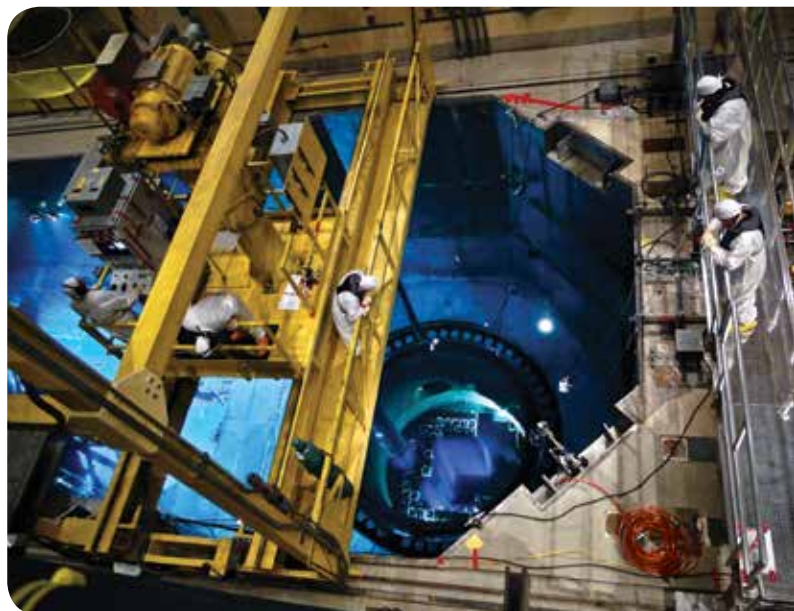
**Step 2:** Prevent foreign material with key steps: Understand the 10 major uses for FME supplies and how they apply to your processes.

**Step 3:** Educate your FME Monitors and work force on the fundamentals, industry expectations and nuances of tool lanyards, attachments and tethering systems with our revolutionary training session. See which methods work best for a given application and how to keep these devices from becoming foreign material.

**Step 4:** Prepare your FME Monitors or recruit monitors from your site: Our industry experts will walk your future monitors through the steps required for successful monitoring, acquiring training on general good practices as well as your site specific FME Monitoring Procedures.

**Step 5:** Plan ahead for your outage: get focused training for your next outage operation.

**Step 6:** Evaluate (and refine): Your review and refinement process requires that you consider outcomes from a past outage and gauge areas for improvement. We will help to identify solutions from our cross industry knowledge of other plants and extensive experience of best practices, then make recommendations to assist you in your refinement planning.



# Field Services

## FME Monitors Staffing

Workers come from an experienced pool of FME monitors and are trained on your site's procedure, industry guidelines (INPO, EPRI), as well as the Ty-Flot supplemental FME monitor training and quality assurance procedures and manufacturer's instructions for FME equipment care.

- Experienced FME Monitors
- Trained to Site, Industry, and Ty-Flot procedures and practices
- Familiar with current industry operating experiences
- Nuclear experienced staff

Typical FME Monitor responsibilities:

- Logging of items entering FME areas on proper forms/media in accordance with site written procedures.
- Review of outage schedule (on-site) and address potential FME issues with specific outage tasks/evolutions.
- Monitor personnel, work materials, and equipment entering and exiting an FME Area and ensure compliance of the site FME Area requirements and procedures.
- Recognizing potential FME concerns that may not be addressed by site specific procedures and addressing them to site FME supervision.
- Adhere to all applicable site specific procedures and training, including, but not limited to, Radiation Worker, General Employee Training, Safety, Human Performance, etc.



- Stop activities in or around the FME Area that may introduce foreign material.
- Provide a post job written assessment of your FME program and offer improvement methods and valuable lessons learned.
- Provide an integrated package that offers FME services and discounted FME products.

## Already have local labor and need to get them up to speed fast?

We can provide FME supervision and preparation to your sites hired help. We'll work to select the most qualified individuals for FME monitoring just prior to the outage and supervise the FME activities during the outage.

- Experienced FME Coordinators
- If you're a contractor: ensure your FME staff meets plant standards

# Call us for a proposal for your outage FME Monitor Training

Use as a primary means of training your FME Monitors or as a supplement to your current training program. We'll work with you to either custom tailor FME training to your procedure or provide you with a generic industry based training.

- Small class size for personal attention
- Video simulated situations
- Industry best practices and OE
- Based on INPO, EPRI, your site procedure
- Heavy focus on hands-on dynamic learning activities
- Interactive format
- Train site staff as well as contractors
- Custom tailored to your needs



## Tool Tethering Service

Too many workers are using methods prone to human error simply because it's not convenient to stop and make a tool tether-ready while trying to get a job done. If industry tested lanyards are within an arm's reach, workers will use them.

Save money, time, and heartache by having your sites tools tether-ready for your next major project or outage. Have an experienced tethering technician take the hassle out of tethering your sites tool arsenal.

- Take the guess work out of which attachment style works with which tool.
- Get industry best practices incorporated into your tool arsenal.
- You choose the variety of lanyards you want, we make the tools lanyard ready. (Lanyards available at a significantly discounted rate with service).
- Get trained: your site staff can join our technicians and get trained on industry best practices for attaching lanyards.
- We are the manufacturer, we know the safest, proper usage, and best way to tether tools, and have feedback from hundreds of clients worldwide.
- No tool upgrade requirements
- Increased worker support and compliance
- Efficient, convenient, innovative

# FME Cabinets

Keep everything at an arm's reach and ensure that it will actually be used with these FME cabinets. Eliminate the need for short-cuts and bypassing FME procedures. The easy solution to

quickly starting a new FME program, and a great way to supplement a seasoned one. Available in many styles for many site specific applications. Available stocked or empty. Call to customize.

General applications and locations where FME cabinets are commonly used



**1 Warehouse**  
Equipped with items needed to make your items in storage FME safe. Use of our Economy Covers reduces the cost when replacing covers that aren't properly returned to the warehouse during equipment transfers.

BASIC-WH and AUX-WH



**2 I and C**  
Cabinets filled with a variety of smaller caps, plugs, and covers specifically geared and ideal for the I & C shop.

BASIC and AUX Styles



**3 Turbine Deck**  
Everything you need for FME maintenance work on the turbine deck, this cabinet includes an array of protective caps and covers along with an assortment lanyards and much more.

All Styles



**4 Refuel Floor**  
A diverse cabinet housing an arsenal of tools for use around the Reactor Cavity and spent fuel pools.

All Styles



**5 Electrical Shop**  
Similar to the I & C cabinet these cabinets are great for electrical shops.




BASIC and AUX Styles



## Basic FME Cabinets

- Contains a variety of the most common FME products
- Each model specifically tailored for the most common setups
- A popular option for new FME programs
- Contents available on request








Part Number	Description	Dimensions	Color
BASIC	Standard Basic FME Cabinet	36"w x 24"d x 78"h	Available in 
BASIC-T	Basic Cabinet Training Setup	36"w x 24"d x 78"h	Available in 
BASIC-WH	Basic Cabinet Warehouse Setup	36"w x 24"d x 78"h	Available in 

## Auxiliary FME Cabinets

- Contains a variety of the most common FME products
- Each model specifically tailored for the most common setups
- A popular option for new FME programs
- Rolling casters for mobility
- Contents available on request









Part Number	Description	Dimensions	Color
AUX-1	Auxiliary Cabinet Configuration 1	36"w x 24"d x 42"h	Available in 
AUX-2	Auxiliary Cabinet Configuration 2	36"w x 24"d x 42"h	Available in 
AUX-T	Auxiliary Cabinet Training Setup	36"w x 24"d x 42"h	Available in 
AUX-XL	Extra Width Auxiliary Cabinet	48"w x 24"d x 42"h	Available in 
AUX-XL-T	Extra Width Auxiliary Cabinet Training Setup	48"w x 24"d x 42"h	Available in 

## Supreme FME Cabinets


- Stocked with a massive number of FME Products
- Fork-lift pockets for transportation
- Great for high traffic FME zones
- Contents available on request



Back Storage on SUPREME-FLG

Part Number	Description	Dimensions	Color
SUPREME	Standard Supreme FME Cabinet	60"w x 36"d x 78"h	Available in 
SUPREME-NPT	Supreme Cabinet NPT Setup	60"w x 36"d x 78"h	Available in 
SUPREME-MAX	SUPREME w/Expanded Contents	60"w x 36"d x 78"h	Available in 
SUPREME-MAX-NPT	SUPREME NPT w/Expanded Contents	60"w x 36"d x 78"h	Available in 
SUPREME-FLG	Supreme Cabinet Flange Setup	64"w x 38"d x 78"h	Available in 
SUPREME-REF	Supreme Cabinet Refinery Setup	60"w x 36"d x 78"h	Available in 

## Extreme FME Cabinets

Part Number	Description	Dimensions	Color
EXTREME	Standard Extreme Cabinet	52"w x 30"d x 78"h	Available in 



# FME Tracker Electronic Accountability Log

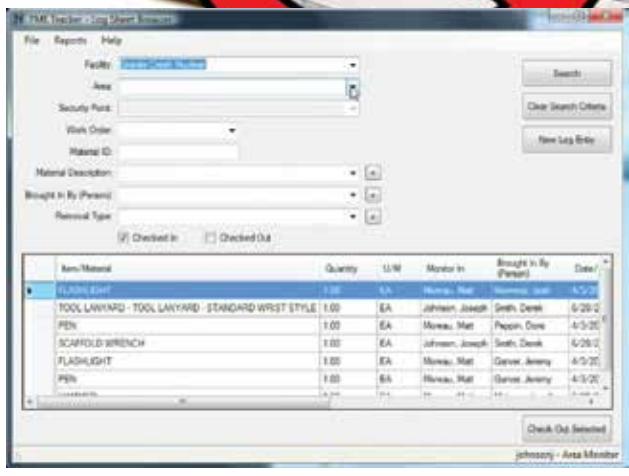
After receiving much feedback from FME Coordinators around the country, providing FME monitor training to many sites, and supplying FME monitors for refueling outages it is clear that an electronic log sheet is a tool that no nuclear site should be without. The advantages of the FME Tracker are many and they will contribute to significantly more accurate logging and significant improvement in FME controls at a plant. Find out how you can have electronic logging at around 1/10th the cost of traditional electronic systems with the FME Tracker.

Contact us for your free trial today.



## SPECIFICATIONS

- Keep the FME log electronically
- Gets rid of errors associated with handwriting
- Shortens time taken to log equipment
- Alerts
- Allows photographs to be attached to records
- Barcode and RFID capable
- Eases log entry sorting
- Decrease dose
- Block commonly restricted items
- 1/10th the cost of traditional enterprise systems
- Free trials available



# Rail Rig™

The Rail Rig™ is a patented system that allows you to hoist and lift small tooling, equipment, and buckets from crane wells, open bays, and scaffolding platforms where there are hand rails in place for safety purposes. Typically in all of these locations there are ropes that are draped over the hand rail and down into the cavity (or bay) that are used. In some cases, lifting these buckets and equipment can potentially span several floors. During the lifting, the potential for

the rope to release from the workers hands due to fatigue or accidental release, can be a safety hazard for workers and passerby's below.

With the use of the Rail Rig™, workers will be able to secure cables and ropes, safe, effective and efficiently, while maintaining a quick release to maneuver the cables.

## SPECIFICATIONS

- Save time during critical path activities
- No more tying and untying knots
- Efficiently maneuver and secure cables and rope
- Prevents rope and cables from dropping in the RX & SFP cavity
- The Rail Rig™ sets up in seconds
- Fits rails with 16.75 to 22" spacing - other rails are custom orders
- Fits 1/4" to 5/8" cables/rope
- 1/4" stainless steel construction
- Designed with FME in the forefront. All fastening devices are either tack welded or nyloc nuts.
- Capable of holding two ropes or one rope and one camera/elect. cable

# Attachment Points

It's not always necessary to buy specialty tools for lanyard compatibility. Almost any standard tool can be attached to a lanyard through one means or another. This Attachment Points section lists the methods (and associated products), for attaching lanyards to tools already in a clients stock. Preparing lanyard

attachment points ahead of time helps make tool changes quick and easy. None of these lanyard attachment methods require any permanent modification to the tools. For detailed instruction on how to install each style see your product packaging, instructions, online videos or call for personal assistance.



\*Ratings guaranteed only with use of Ty-Flot products.  
Do not use tethers over 4' in length unless otherwise specified

## Tool Collar® Kits (U.S. Patent No. 8,567,290 & 8,567,291)

- Mounts on the shaft allowing full use of the butt end
- 360 degree mobility
- Fits a wide range of screwdrivers and shaft style tools
- Quick installation



Part Number	Fits Diameter	Collar Part	Loop Part	Package Qty.	Max. Tool Weight
TKIT-3594	0.035" to 0.094"	TC0	TL1-SS*	25	.75lb
TKIT-9413	0.094" to 0.13"	TC1	TL1-SS*	25	.75lb
TKIT-1316	0.13" to 0.16"	TC1	TL2-SS*	25	.75lb
TKIT-1620	0.16" to 0.20"	TC2	TL2-SS*	25	.75lb
TKIT-2026	0.20" to 0.26"	TC3	TL3-SS*	25	1.25lb
TKIT-2630	0.26" to 0.30"	TC3	TL4-SS*	25	1.25lb
TKIT-3034	0.30" to 0.34"	TC4	TL4-SS*	25	1.25lb
TKIT-3440	0.34" to 0.40"	TC4	TL4A-SS*	25	1.25lb
TKIT-4047	0.40" to 0.47"	TC5	TL4A-SS*	25	1.25lb
TKIT-4755	0.47" to 0.55"	TC5	TL5-SS	25	1.25lb
TKIT-5560	0.55" to 0.60"	TC6	TL5-SS	10	1.5lb
TKIT-6072	0.60" to 0.72"	TC6	TL5A-SS	10	1.5lb
TKIT-7284	0.72" to 0.84"	TC6	TL6-SS	10	3lb
TKIT-8496	0.84" to 0.96"	TC7	TL6A-SS	10	3lb
TKIT-96109	0.96" to 1.09"	TC7	TL7-SS	10	5lb
TKIT-109117	1.09" to 1.17"	TC7	TL7A-SS	10	5lb
TKIT-117124	1.17" to 1.24"	TC8	TL7A-SS	10	5lb
TKIT-124141	1.24" to 1.41"	TC8	TL8-SS	10	5lb
TKIT-141161	1.41" to 1.61"	TC9	TL8A-SS	10	5lb
TKIT-161184	1.61" to 1.84"	TC9	TL9-SS	10	6lb

### Did you know?

The Tool Collar® loops can also be used as a tethering device for vise grips.



\* Keyed opening to fit flathead screwdrivers.

## Plastic Tool Collar® Kits



Part Number	Description	Fits Diameter	Package Quantity
TCL0PL	Tool Collar (TC0) & Loop TL1	0.035" to 0.094"	25
TCL1PL	Tool Collar (TC1) & Loop TL2	0.094" to 0.156"	25
TCL2PL	Tool Collar (TC2) & Loop TL3	0.156" to 0.25"	25
TCL3PL	Tool Collar (TC3) & Loop TL4	0.219" to 0.313"	25
TCL4PL	Tool Collar (TC4) & Loop TL5	0.313" to 0.438"	25
TCL5PL	Tool Collar (TC5) & Loop TL5	0.400" to 0.54"	25



## Tool Collar® Kit Replacement Parts

Part Number	Package Qty.	Part Number	Package Qty.	Part Number	Package Qty.
TC0	25	TL1-SS	25	TL7A-SS	10
TC1	25	TL2-SS	25	TL8-SS	10
TC2	25	TL3-SS	25	TL8A-SS	10
TC3	25	TL4-SS	25	TL9-SS	10
TC4	25	TL4A-SS	25	TL1-PL	25
TC5	25	TL5-SS	25	TL2-PL	25
TC6	10	TL5A-SS	25	TL3-PL	25
TC7	10	TL6-SS	10	TL4-PL	25
TC8	10	TL6A-SS	10	TL5-PL	25
TC9	10	TL7-SS	10		

## Grip-Fit™ Universal Swivel Cup Tether Attachment (U.S. Patent No. D718,590)

- Quick installation for a secure tether attachment
- D-ring can be rotated to allow for access to butt ends of tools
- Universal Swivel with locking feature
- Anti-Roll tab extensions
- Does not impede with the full functionality of the tool
- Tabbed end for secure installation and safe removal
- Fits pens, pencils, markers and an array of small hand tools
- Easy to clean material
- Other patents pending



Part Number	Description	Pkg. Quantity	Max. Tool Weight
SC030	Grip-Fit™ Universal Swivel Cup Tether Attachment 0.30"	10	N/A
SC045	Grip-Fit™ Universal Swivel Cup Tether Attachment 0.45"	10	N/A
SC056	Grip-Fit™ Universal Swivel Cup Tether Attachment 0.56"	10	1lb
SC075	Grip-Fit™ Universal Swivel Cup Tether Attachment 0.75"	10	1lb
SC094	Grip-Fit™ Universal Swivel Cup Tether Attachment 0.94"	10	1lb
SC119	Grip-Fit™ Universal Swivel Cup Tether Attachment 1.19"	10	1lb

## Attachment Friction Tape

- Creates a way to attach Heavy-Duty Shrink Rings to straight shaft tools
- Bonds to itself and not the tool
- Installs in seconds (stretch, wrap and go)
- Will not peel off, must be cut
- No residue
- Not recommended for use as lanyard attachment tape



Part Number	Description	Colors
MOL3645	Attachment Friction Tape 1" x 36' x 0.045 Thick	Available in <span style="color: orange;">■</span>

### Tether Cinch Loops

- Easy to clean
- Ultra light weight for measuring tools
- Limited interference with levels
- For use with small hand tools
- Useful on applications where key rings and other solid anchors are cumbersome
- Use to attach any number of tool lanyards



Part Number	Description	Max. Tool Weight	Available in <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
TETHCNCHLP	6" Tether Cinch Loop (25/pkg)	1lb	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

### Swivel Tether Cinch Loops

- Patented swivel design to prevent tangles
- Provides a quick attachment point for lanyards
- For use on tools with a pre-drilled hole or slot
- Useful on applications where key rings and other solid anchors are cumbersome
- Use to attach any number of tool lanyards
- High strength with secure fit
- High resistance to abrasion



Part Number	Description	Max. Tool Weight	<input checked="" type="checkbox"/>
TETHCNCHLPSW	Swivel Tether Cinch Loop (10/pkg)	10lb	<input checked="" type="checkbox"/>

### Tether Loop Attachments

- Provides a tethering point for odd shaped tools such as drills
- Each tether loop has a protected label identifying the load rating
- Custom sizes welcome



Part Number	Size	Max. Tool Weight	<input checked="" type="checkbox"/>
TLA55	5.5"	15lb	<input checked="" type="checkbox"/>
TLA65	6.5"	15lb	<input checked="" type="checkbox"/>
TLA75	7.5"	15lb	<input checked="" type="checkbox"/>
TLA85	8.5"	30lb	<input checked="" type="checkbox"/>
TLA95	9.5"	30lb	<input checked="" type="checkbox"/>
TLA105	10.5"	30lb	<input checked="" type="checkbox"/>
TLA115	11.5"	30lb	<input checked="" type="checkbox"/>
TLA125	12.5"	30lb	<input checked="" type="checkbox"/>

## D-Ring Webbing

- High strength nylon webbing with d-ring end



Part Number	Description	Length	Max Tool Weight	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span>
DRSM	Webbing with D-Ring	2.5"	See Chart	For use with tool lanyard attachment tape or heat shrink rings.
DRHD	Heavy-Duty Webbing with D-Ring	3-1/2"	See Chart	
DRHD12	Long Heavy-Duty Webbing with D-Ring	12"	See Chart	
DRSMPL	Webbing with Plastic D-Ring	2.5"	See Chart	
DRHDPL	Heavy-Duty Webbing with Plastic D-Ring	3-1/2"	See Chart	
DRHD12PL	Long Heavy-Duty Webbing with Plastic D-Ring	12"	See Chart	

DRSM and DRHD should not be used with TP2R2X4 and TP2R-275X4 (use DRHD-12)

## Heavy-Duty Shrink Rings

- Package quantity: 20
- For use with D-ring Webbing attachments
- Easy installation with standard heat gun
- Shock resistant



Part Number	Description	Fits Diameter	Works With	Max. Tool Weight with 12" Tether	Max. Tool Weight with 48" Tether
TP2R1X175	1" x 1.75" Shrink Rings	0.36" to 1.0"	DRSM/DRHD	4lb	2lb
TP2R15X2	1.5" x 2" Shrink Rings	0.55" to 1.4"	DRSM/DRHD	4lb	2lb
TP2R2X2	2" x 2" Shrink Rings	0.75" to 1.90"	DRHD	6lb	2.5lb
TP2R2X4	2" x 4" Shrink Rings	0.75" to 1.90"	DRHD12	N/A	4lb
TP2R275X2	2.75" x 2" Shrink Rings	1.5" to 2.50"	DRHD	6lb	2.5lb
TP2R275X4	2.75" x 4" Shrink Rings	1.5" to 2.50"	DRHD12	N/A	4lb

## Tool Lanyard Attachment Tape

- No heat gun necessary
- Bonds to itself and not the tool
- Installs in seconds (stretch, wrap and go)
- Will not peel off, must be cut
- No residue













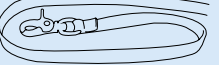


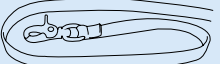











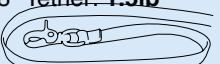

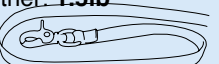

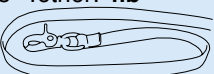


Part Number	Description	Colors
MOL36RF	Reinforced Lanyard Attachment Tape 1" x 36' x 0.02 Thick	Available in <span style="color: orange;">■</span> <span style="color: red;">■</span> <span style="color: pink;">■</span> <span style="color: blue;">■</span> <span style="color: green;">■</span>
MOL36RFEWVB	Extra Wide (Extra Strength) Reinforced Lanyard Attachment Tape 2"x36"	Available in <span style="color: blue;">■</span>

Heavy-Duty Shrink Rings offer a higher tear resistance than lanyard attachment tape.



# D-Ring Pairing Guidelines:

	 TP2R1X175	 TP2R2X2	 TP2R2X4	 MOL36RF
	 TP2R15X2	 TP2R275X2	 TP2R275X4	 MOL36RFEWVB
 DRSM	Max Tool Weight with 12" Tether: <b>4lb</b>  Max Tool Weight with 48" Tether: <b>2lb</b> 	Not Recommended	Not Recommended	Max Tool Weight with 12" Tether: <b>3lb</b>  Max Tool Weight with 48" Tether: <b>1lb</b> 
 DRHD	Not Recommended	Max Tool Weight with 12" Tether: <b>6lb</b>  Max Tool Weight with 48" Tether: <b>2.5lb</b> 	Not Recommended	Max Tool Weight with 12" Tether: <b>3lb</b>  Max Tool Weight with 48" Tether: <b>1.5lb</b> 
 DRHD12	Not Recommended	Not Recommended	<b>Not for use with 12" Tether</b> Max Tool Weight with 48" Tether: <b>4lb</b> 	Not Recommended
 DRSMPL	Max Tool Weight with 12" Tether: <b>2lb</b>  Max Tool Weight with 48" Tether: <b>1lb</b> 	Not Recommended	Not Recommended	Max Tool Weight with 12" Tether: <b>2lb</b>  Max Tool Weight with 48" Tether: <b>1lb</b> 
 DRHDPL	Not Recommended	Max Tool Weight with 12" Tether: <b>3lb</b>  Max Tool Weight with 48" Tether: <b>1.5lb</b> 	Not Recommended	Max Tool Weight with 12" Tether: <b>3lb</b>  Max Tool Weight with 48" Tether: <b>1.5lb</b> 
 DRHD12PL	Not Recommended	Not Recommended	<b>Not for use with 12" Tether</b> Max Tool Weight with 48" Tether: <b>4lb</b> 	Not Recommended

## High Strength Shrink Loop Attachments (U.S. Patent No. D676,311)

- Superior strength over conventional heat shrink methods
- Easier installation, quicker attachment to lanyards, & eliminates confusion with matching D-Ring Webbing to proper shrink rings
- Designed to keep the stitching away from the heat source to prevent damage to the stitching common with conventional methods
- Prevents webbing from slipping out of the heat shrink
- Allows for proper labeling of each shrink loop containing load limits, usage instructions and precautions



Part Number	Description	Max. Tool Weight	Pkg Qty
TP2R-34X175-LP-OR	3/4" x 1.75" High Strength Shrink Loop	4lb	10
TP2R-1X175-LP-OR	1" x 1.75" High Strength Shrink Loop	5lb	10
TP2R-1-5X2-LP-OR	1.5" x 2" High Strength Shrink Loop	10lb	10
TP2R-2X2-LP-OR	2" x 2" High Strength Shrink Loop	15lb	10
TP2R-2X4-LP-OR	2" x 4" High Strength Shrink Loop	25lb	10
TP2R-275X2-LP-OR	2.75" x 2" High Strength Shrink Loop	20lb	10
TP2R-275X4-LP-OR	2.75" x 4" High Strength Shrink Loop	25lb	10
TP2R-4X4-LP-OR	4" x 4" High Strength Shrink Loop	25lb	10
TP2RLP15-35-KT	1.5" x 3.5" High Strength Heat Shrink Kit for tools w/o Geometry	10lb	5

## Drill Boot™ (Patents Pending)

- Protects the battery from dropping upon accidental release
- Cinching strap has a tether loop for lanyard attachment
- Easy installation and removal for quick battery changes
- 2 convenient sizes fits most cordless drills & impact wrenches
- Small side pocket for storing bits
- Ballistic nylon
- Custom sizes available



Part Number	Description	Max. Tool Weight
DRLBOOTSM	Drill Boot™ with Tether Loop - Small	7lb
DRLBOOTLG	Drill Boot™ with Tether Loop - Large	7lb

## Tape Measure Sleeve (U.S. Patent No. D711,753)

- Easy installation and does not impede use
- Fits most brands between 20 to 35 foot
- Can be used as a standalone holder using the belt clip or used in one of our many tape pockets
- Adaptable to multiple tethering systems
- Other patents pending



Part Number	Description	Max. Tool Weight
TAPE-SLV	Tape Measure Sleeve with D-Ring	2lb

## Retractable Radio Holster

- One size fits most
- Belt or harness mount
- Wire retractor or coil lanyard
- Ballistic Nylon
- Tethering hardware included



Part Number	Description
RET-RP-BH	Retractable Radio Pouch with Tether Loops
RET-RP-BH-CL	Retractable Coil Radio Pouch with Tether Loops

## Double Dee Rings (Patents Pending)

- Easy to clean
- Installs in seconds with a flat head screw driver
- Cost effective compared to D-Ring Webbing attachment methods
- Extremely High strength and durable
- Unique pin design to prevent backing out due to vibration



Part Number	Description	Pkg Quantity	Max. Tool Weight
DBL-D-04-06	Double Dee Ring with Capture Pin 0.4" x 0.6"	10	10lb
DBL-D-075-100	Double Dee Ring with Capture Pin 0.75" x 1.0"	10	10lb
DBL-D-085-115	Double Dee Ring with Capture Pin 0.85" x 1.15"	10	15lb
DBL-D-130-240	Double Dee Ring with Capture Pin 1.3" x 2.4"	10	25lb

## Anti-Vibration Tool Lanyard Shackles

- Easy to clean
- Installs in seconds with allen wrench
- High strength S/S construction
- Cost effective compared to D-Ring Webbing attachment methods
- Unique pin design to prevent backing out due to vibration
- Patents pending



Part Number	Description	Max. Tool Weight
SHKL1916-LK-C	Anti-Vibration Tool Lanyard Shackle	30lb

## Split Rings and Key Rings

- Package quantity: 25
- Installs easily to manufacturers pre-drilled hanging holes
- Fits tools of significant geometry
- Create a tether ring on the fly
- Semi-permanent attachment of tools to lanyards
- For use with tethers of 12" or less



Part Number	Outer Diameter	Max. Tool Weight
SR0-6	0.6"	2lb
SR1	1.00"	2lb
SR1-25	1.25"	2lb
SR1-5	1.5"	2lb
SR2	2"	2lb
SR3	3"	2lb

Some sites use key rings as a means to create easy pen lanyard attachment points on clipboards. (see Pen, Pencil, Marker Lanyards)

## Tool Tethering Station

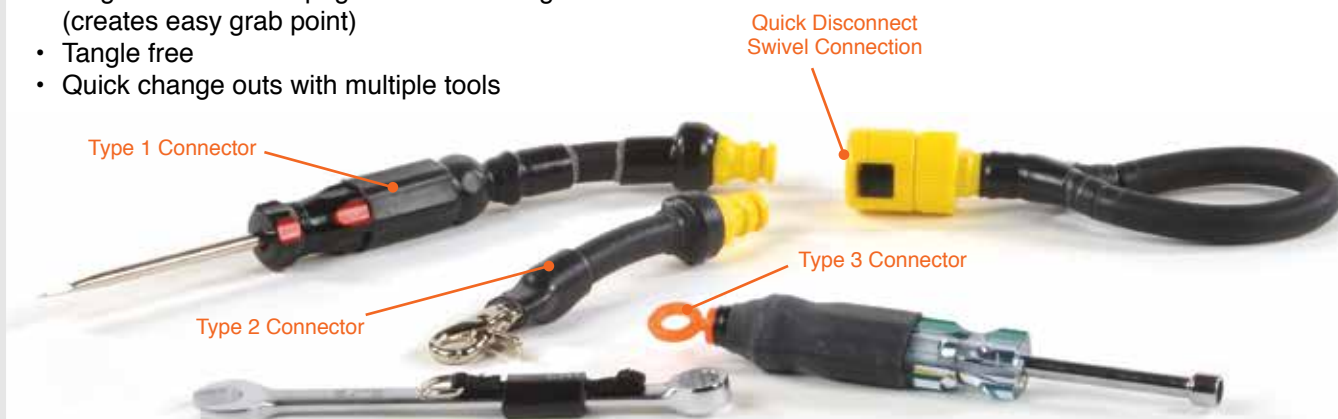
- High quality portable rolling cabinet with locking wheels and heavy-duty individual locking drawers
- A full line of tool tethering devices and lanyards including the popular tool collars
- For use where major maintenance activities are going on
- Labeled bins and drawers
- Customizable



Part Number	Description
TTS-1	Nuclear Tool Tethering & Lanyard Station
TTS-2	Max Tool Tethering & Lanyard Station
TTS-3	Max Tool Tethering & Lanyard Station with Pockets

## Deluxe Lanyard Attachment System:

- No tool modification necessary
- Self-adjusting to wrist
- Floats small tools
- Large tools remain upright when submerged (creates easy grab point)
- Tangle free
- Quick change outs with multiple tools



Also compatible with Tool Buckets (not pictured) listed in the Anti-Drop Storage section.

## Deluxe Lanyards

- Self-adjusting wrist lanyard
- Bungee style grip
- Use to connect to other attachment featuring the Quick Disconnect Swivel Connection



Part Number	Description
LNYRD01	Deluxe Wrist Lanyard

## Type 2 Connector

- Attaches Deluxe Lanyard to D-Ring Webbing installed on tool



Part Number	Max. Tool Weight	Package Quantity
TP2CT01	3lbs	3
TP2CT01PL	3lbs	3

Can allow Deluxe attachment system to be connected to a Tool Collar, key ring, or any loop style attachment.

## Cylindrical Heat Shrink Connectors

- Adhesive lined heat shrink cylinders
- Easy to install with a standard heat gun
- Allows quick and easy tool change-outs
- No tool modification necessary
- Options for simple ring connection or deluxe lanyard system attachment



Part Number	Description	Fits Diameter	End Style	Max. Tool Weight
TP1CT01	Small Diameter Connector	0.3" to 0.75"	Swivel-Lock Style	5lb
TP1CT02	Medium Diameter Connector	0.75" to 1.25"	Swivel-Lock Style	5lb
TP3CT01	Small Diameter Connector	0.25" to 0.75"	Tether Ring	3lb
TP3CT02	Medium Diameter Connector	0.75" to 1.25"	Tether Ring	3lb

## Deluxe Lanyard Tool Belts

- Quick and easy tool change-outs
- Manageable and organized
- Ergonomically designed
- Adaptable for deluxe and standard lanyards
- 7 convenient female adapters to be used in conjunction with type 1 & 2 connectors



Part Number	Size
DLXBELTM	M (26" - 43")
DLXBELTL	L (43" - 52")

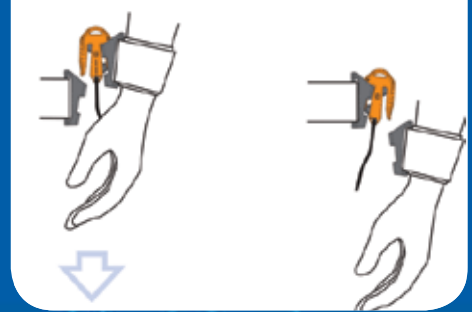
## Lanyard Attachment Kits

- A number of attachment creation tools all in one location
- Heavy-duty portable carrying case with bins and flip-top lid
- Contains tethering devices and lanyards for smaller work activities
- Portable kit used to bring directly to job locations
- Standard heat gun required for shrink ring assembly



Part Number	Description
LYKT	Everything needed for key ring attachment creation and heavy-duty shrink
LYKT1	Everything needed for various heavy-duty shrink ring attachments
LYKT2	53 piece set for attachment creation and lanyards
LYKT-2-PL	40 piece set for attachment creation and lanyards (no metal)
LYKT3	203 piece set for attachment creation and lanyards
LYKT3PL	190 piece set for attachment creation and lanyards (no metal)
CRIMPKIT	Everything needed to create crimp style attachments

# Quick-Switch™ Tool Lanyards



## Cutting-edge products like Quick-Switch™ make dropping equipment a thing of the past.

Quick-Switch™ tool lanyards are a revolutionary system used to connect tools when working at heights. The system is designed to keep tools connected at all times (including during tool transfers) and reduce the risk of tools being dropped on people or property below.

The patent pending system allows workers to safely and securely carry and use tools at heights and manage tools effectively. The mechanical lock provides the flexibility of using multiple tools and the ability to switch the tool's connection from tool belts to wrists and between hands.

Key features and benefits of the Quick-Switch™ system:

- No more dangling tool lanyards
- Reduced swinging tool hazard
- Low profile for snag resistance
- Hands-free tool switching
- Switch from place to place while maintaining 100% tie-off
- Fast and easy use
- Lightweight and comfortable
- Impact, chemical and corrosion resistant materials



### Quick-Switch™ Belt Mount

- No dangling cords to interfere while walking, climbing, or working
- Eliminates injuries to the user as a result of dropped tools on swinging lanyards or retractors
- Added longevity over conventional bungee & coil style lanyards ultimately saving money
- Eliminates the need for retractor replacement due to wear or work hardening with conventional retractor pockets
- Allows the use of multiple tools at one time without entanglement
- Interchangeable from hand to hand in seconds while maintaining positive control
- Hands-free tool transferring while maintaining positive control
- Keeps hands available for safe gripping while at height
- S/S screw gate carabiner to prevent accidental release of tool
- Tethers are reinforced with a protective tube to prevent accidental damage
- Max. Tool Weight: 6lb



Part Number	Description
QS-1	Quick-Switch™ Starter Kit 1 (1 Switch, 1 Dock, 1 Wrist Strap)
QS-2	Quick-Switch™ Starter Kit 2 (2 Switches, 2 Docks, 2 Wrist Straps)
QS-T1	Quick-Switch™ Switch and Dock Pack (1 Switch, 1 Dock)
QS-DOCK	Quick-Switch™ Dock (Package of 2)
QS-WS	Quick-Switch™ Wrist Strap (Strap and Dock Assembly)

### Quick-Switch™ Scaffold Kits

- Use your own tool pockets with the Quick-Switch™ system
- QS-SCAFF kits provide needed supplies for attaching to tools
- Max. Tool Weight: 6lb
- Tools less than 6 lbs in weight use the Quick-Switch™ system
- For heavier tools use the extension lanyards
- Patents Pending



QS-SCAFF-4-KIT

Part Number	Description
QS-SCAFF-4	Quick-Switch™ Lanyard setup for a 4 tool scaffolder's kit (4 Switches, 4 Docks, 2 Wrist Straps)
QS-SCAFF-5	Quick-Switch™ Lanyard setup for a 5 tool scaffolder's kit (5 Switches, 5 Docks, 2 Wrist Straps)
QS-SCAFF-4-KIT	Attachments setup for a 4 tool scaffolder's kit (U.S. Patent No. D675,084)
QS-SCAFF-5-KIT	Attachments setup for a 5 tool scaffolder's kit (U.S. Patent No. D675,084)

### Quick-Switch™ Single and Dual Tool Pockets

- Holds pliers, levels, and more
- Fits up to 2" tool belts
- Max. Tool Weight: 6lb
- Quick-Switch™ Wrist Straps also serves as a pole dock for mounting tools to scaffold poles while working
- Ballistic nylon
- Patent Pending



Part Number	Description
QS-TLPKT-1	Quick-Switch™ Single Tool Pocket
QS-TLPKT-2	Quick-Switch™ Dual Tool Pocket
QS-TLPKT-2-HRN	Quick-Switch™ Dual Tool Pocket for Harnesses

### Quick-Switch™ Tape Measure Pocket

- Designed to conveniently hold a wide variety of tape measures
- Fits up to 2" tool belts
- Includes Tape Sleeve attachment for tape measure
- Ballistic nylon
- Max. Tool Weight: 6lb
- Patent Pending



Part Number	Description
QS-TAPE	Quick-Switch™ Tool Pocket for Tapes

### Quick-Switch™ Hammer or Ratchet Pocket

- Holds hammers, scaffold ratchets
- Fits up to 2" tool belts
- Ballistic nylon
- Includes heat shrink for attachment point creation
- Max. Tool Weight: 6lb
- Patent Pending



Part Number	Description
QS-HS	Quick-Switch™ Tool Pocket for Hammers/Ratchets

### Quick-Switch™ 3 Tool Pocket

- Holds pliers, levels, tape measures, and more
- Fits up to 2" tool belts
- Max. Tool Weight: 6lb
- Ergonomically designed for a quick release and easy return to the docking station
- No lengthy cords that traditionally cause safety hazards for the worker
- Ballistic nylon
- Quick-Switch™ Wrist Straps also serves as a pole dock for mounting tools to scaffold poles while working
- Patent Pending



Part Number	Description
QS-TLPKT-3	Quick-Switch™ 3 Pocket Tool Pouch





### Quick-Switch™ Saddle

- Saddle mount style tool aprons for small maintenance jobs
- Available in 2 or 4 pocket saddles (per side)
- Max. tool weight per dock: 6lb - heavier tools use extension lanyards
- Support straps to secure it in place
- Custom sizes available
- Patent Pending



Part Number	Description	Pockets	Diameter
QS-SDL-SM	Quick-Switch™ Saddle Small	8	8"-18"
QS-SDL-LG	Quick-Switch™ Saddle Large	4	18"-24"

### Quick-Switch™ Rail Apron

- For use on hand rails for small maintenance activities
- Max. tool weight per dock: 6lb
- Standard widths are 30"
- Adjustable to multiple rail sizes
- 100% tool retention
- Patent Pending



Part Number	Description
QS-APRON-30	Quick-Switch™ Tool Apron

### Quick-Switch™ Rated Tool Buckets

- Allows for 100% retention during tool transfers
- Hook and loop closure or open top
- Rated up to 180 lbs
- Available with 4 or 6 tool docks
- Available in collapsible or rigid bodies
- Max. tool weight per dock: 6lb
- 12" Dia x 15" deep
- Patent Pending



Part Number	Description
QS-DTB-75-1215	Quick-Switch™ Docking Tool Bucket - Rated 75 lbs
QS-TTB-180-VC-BK	Quick-Switch™ Tethered Tool Bucket - Rated 180 lbs

### Quick-Switch™ Bolt Bag

- Contain bolts with two closing actions
- Drawstring, d-ring, and snap hook
- Ballistic nylon
- 100% tool retention during tool transfer from docks
- Side d-rings for lanyard attachment
- Wear on belt or attach to a rail
- Max. tool weight per dock: 6lb
- Patent Pending



Part Number	Description
QS-BOLT	Quick-Switch™ Bolt Bag - Rated 25 lbs



# Tool Lanyards

Tool lanyards are essential for safety when working at height. They are also necessary for FME related work. No matter what the tool, or personal equipment, if it can be carried it can be tied off with a lanyard. This section covers

the lanyards themselves. For equipment and methods for attaching lanyards to tools please see the Attachment Points section and see Anti-Drop Storage for bags belts and pouches.



## Hard Hat Lanyards (U.S. Patent No. 8,117,678)

- Secures the hard hat to an outer garment
- Does not impede with the comfort or use of the hard hat - you can't even feel that it is there
- Don't let your hard hat become a falling object - keep a tether on it
- Eliminates the uncomfortable and irritating chin straps
- Easily attaches to any style hard hat
- Two quick release buttons for easy removal and installation
- Webbing is stretchable and dampens the initial shock when the hard hat falls off
- Adjustable to each users size and comfort



Part Number	Description	Pkg. Qty.	Color
LNYHRD	Hard Hat Lanyard	100	Available in <span style="color: red;">■</span> <span style="color: pink;">■</span> <span style="color: green;">■</span> <span style="color: blue;">■</span>
LNYHRDFME	Hard Hat Lanyard for FME (No Metal Components)	100	Available in <span style="color: orange;">■</span>
LNYHRDHRN	Harness Style Hard Hat Lanyard (No Metal Components)	100	Available in <span style="color: green;">■</span>
EZLNYHRDCL	EZ Clean Coil Hard Hat Lanyard (No Metal Components)	100	Available in <span style="color: orange;">■</span>
EZLNYHRDWB	EZ Clean Webbing Hard Hat Lanyard (No Metal Components)	100	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span>



**HARD HAT STORAGE CLIP**  
(Now included with all Hard Hat Lanyards)

- Provides a place to store the lanyard when not in use.
- Prevents clamp from damage due to improper storage.
- Patents Pending



### Did you know?

In environments where exposure to contamination is a concern, Hard Hat Lanyards are used to minimize items in contact with the skin.

## Eyeglass Retainers

- 100% cotton
- Non-breakaway style available in orange, red, and pink.
- Breakaway style available in orange, red, navy blue, royal blue, or black



Part Number	Description	Frame Size
ERETRCH	Eyeglass Retainer	Standard
ERETRCB	Eyeglass Retainer	Large/Irregular
ERETRDBM	Eyeglass Retainer w/Dual Break-Away	Standard
ERET-RCH-Custom	Eyeglass Retainer w/Non-Standard Text	Standard
ERET-RCB-Custom	Eyeglass Retainer w/Non-Standard Text	Large/Irregular
ERET-RDBM-Custom	Eyeglass Retainer w/Dual Break-Away w/Non-Standard Text	Standard

**FME BEGINS WITH ME**  
Other Standard Text Options:

- Focus on Prevention
- Predict it, Prevent it,
- Promote it...FME
- Safety First
- Safety Pays
- Safety Begins with Me

Breakaway style has metal breakaway crimps hidden in plastic.

## Metal Free Dual Breakaway Retainers

- No metal
- Fits most regular size frames
- 100% cotton



Part Number	Description
ERET-DLBRK-BK	Dual Breakaway Eyeglass Retainers-no metal

## Safety Tether Break-Aways

- Tether will release, not break apart
- Attach one end to the plastic d-ring on the standard lanyards (above) and the other end to an attachment point



Part Number	Description	Tensile Strength	Package Qty.	Available in
TETHBR	Break Away Tether	7lbs	10	Orange, Red, Pink

## Tool Snake Lanyards

- Internal bungee cord with nylon outer sheathing
- 35" to 54" stretch
- Screw gate carabiner for easy belt attachment
- Adjustable loop and cord lock for quick tool attachment
- 5lb max. tool weight



Part Number	Description	Pkg. Qty.	Color
BNGEXT-1-5	Bungee Extension Lanyard-35" to 54" w/ Screw Gate	10	Available in Orange, Red, Pink
BNGEXT-1C-5	Bungee Extension Lanyard-35" to 54" w/ S/S Screw Gate	10	Available in Orange
BNGEXT-1C-5-DMP	Bungee Ext. Lanyard w/ S/S Screw Gate & Dimpled Thread	10	Available in Orange

## HD Tool Snake Lanyards

- Specially weaved bungee webbing
- Cord lock stopper (all plastic)
- Adjustable loop and cord lock for quick tool attachment
- 32" to 48" length
- 15lb max. tool weight



Part Number	Carabiner Type	Max. Tool Weight	Available in
BNGEXT-RP-SS	Standard S/S Spring	15lb	Orange
BNGEXT-RP-SSG	S/S Screw Gate	15lb	
BNGEXT-RP-SSG-DMP	S/S Screw Gate w/Dimpled Thread	15lb	
BNGEXT-RP-3T	Triple Lock Carabiner Lanyard	15lb	
BNGEXTRPRP	None (Dual Rope Ends)	15lb	

**SG model available in orange only.**

\* Do not force or bend the spring gate laterally as this will render the carabiner ineffective and create the potential for small parts to be released.

## Dual Carabiner and Anchor Lanyards

- Internal bungee cord with nylon outer sheathing
- Retracted length:  
BNGEXT-CC models: 27" 9-TLI models: 37"-45"
- Extended Length BNGEXT-CC models 52" 9-TLI models 124"



Part Number	Description	Max. Tool Weight	Notes
BNGEXT-CC-SS	Dual S/S Carabiner Bungee Lanyard	15lb	BNGEXT-CC models connect tools to waist easily.
BNGEXTCCAL	Dual Aluminum Carabiner Bungee Lanyard	5lb	
9TL14001	HD Tool Lanyard Anchor	25lb	9-TLI Models connect tools to tool bucket or fixed anchor points.
9-TL1-4021	HD Tool Lanyard Anchor with S/S Carabiner	25lb	
BNGEXT-CC-3T	Dual Triple Lock Carabiner Bungee Lanyard	20lb	

## Heavy-Duty Tool Lanyards

- Heavy-duty lanyards for use with large tools
- 10-40 lbs tool limit
- Swivel option on some lanyards to prevent entanglement
- Custom sizes and weight limits available



Part Number	Description	Max. Tool Weight
L48403T	48" Web Lanyard with Triple Action Lock	40lb
L48403TSW	48" Web Lanyard with Triple Action Lock and Swivel	40lb
L120403TLP	10" Web Lanyard with Loop and Triple Action Carabineer Offset	40lb
L72403TSWLP	72" Web Lanyard with Triple Action Lock and Swivel	40lb
L48803TSWLP	48" Web Lanyard with Triple Action Lock and Swivel with Loop	40lb
L72803TSWLP	72" Web Lanyard with Swivel Triple Action Lock with Loop	80lb
L72803TSW3TO	72" Web Lanyard with Triple Action Lock and Triple Action Offset	80lb
L72403TLP	72" Web Lanyard with Triple Action Lock with Loop	40lb
L48WR153TSW	48" Wire Swivel Lanyard with Triple Action Lock	15lb
L48WR10SSG	48" Wire Lanyard with Screw Gate and Swivel	10lb
L48WR153T	48" Wire Lanyard with Triple Action Lock	15lb

## Carabiner and Snap Hooks



Part Number	Description	Package Qty.
CBTS-26*	Aluminum Spring Gate	25
CARA880-SH	S/S Spring Hook	25
CARA880-SG	S/S Screw Gate	25
CARA22178-TR-SW	HD Triple Action Turn Collar Carabiner with Swivel Eye	1
CARA10104-TR	HD Triple Action Turn Collar Carabiner	1
STDHK	Snap Hook Accessories	25

These Carabiners can be ordered as alternatives with most tool lanyards that contain carabiners or separately as replacement parts.

\* Do not force or bend the spring gate laterally as this will render the carabiner ineffective and create the potential for small parts to be released.

## Retractable Wrist Cuffs (U.S. Patent No. 8,210,406)

- One size fits all
- Unique hook and loop fastening system
- High quality retractor (locking style option)
- 4 foot long retractable rope (Kevlar wire, or Spectra)
- Stretch fabric provides superior comfort
- Easily connects to many attachment points



Part Number	Description	Max. Tool Weight	Cord Type	Available in
WCRETWR	Retractable Wrist Cuff Tool Lanyard	1.5lb	Wire	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: black;">■</span>
WCRETKV	Retractable Wrist Cuff Tool Lanyard	1.0lb	Kevlar	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: black;">■</span>
WCRETLCK	Retractable Wrist Cuff Tool Lanyard with Lock	2.0lb	Spectra	Available in <span style="color: orange;">■</span>

### Swivel Coil Tool Lanyards (U.S. Patent No. D676,734)

- Patented 360° swivel prevents tangles and increases longevity
- Superior coil memory compared to other wired coil lanyards
- Protected label identifying rating and care instructions (Not included on CC1872-WR-RD)
- Easily cleanable material
- Package Quantity: 10



Part Number	Description	Max. Tool Weight	Coil Style
CC2072OR	Coil Tool Lanyard, Swivel (20"-72")	10lb	Solid Core
CC348WRSW	Coil Tool Lanyard, Swivel (3"-48")	5lb	Steel Core
CC1872WRRD	Coil Tool Lanyard, Non-Swivel (18"-72")	*	Steel Core

\*198 lb breaking strength.

### Dual Action Plastic Snap Hook Tool Lanyard (U.S. Patent No. 8,756,771 & D698223)

This new style snap hook will prevent the accidental disengagement common with traditional plastic snap hooks with the following features:

- Requires 2 actions to open the snap hook
- Standard comfort fit, one size fits all wrist cuff
- Simple, secure, and easy to use
- Optional safety release (48 lbs of force)



Part Number	Description
WCSNPHK2T	Wrist Lanyard with Dual Action Snap Hook
WCSNPHK2TREL	Wrist Lanyard with Dual Action Snap Hook: Safety Release

### Universal Suspension Tape Dispensers

- Quick Installation
- Fits all hand rails
- Quick and secure tape replacement
- Patent Pending



Part Number	Description
TAPE-DSP1	Quick Change Cinching Tape Dispenser
TAPE-DSP2	Cinching Tape Dispenser

## Wrist Cuffs (U.S. Patent No. 8,210,406)




- One size fits all
- Unique hook and loop fastening system
- Stretch fabric provides superior comfort
- Ergonomically designed for use and function
- Tethers sold separately



Part Number	Description	Max. Tool Weight	Package Qty.	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>
WC	Wrist Cuff Lanyard Attachment	Tool weight is dependent on tether length (see Standard and EZ Clean Tethers).	10	<p>See retractable wrist cuffs for another wrist option.</p> <p>Most commonly paired with Standard and EZ Clean Tethers.</p>



## Standard and EZ Clean Tool Tethers

Type	12"	24"	36"	Colors
 Metal Snap Hook	Standard – SNPS12 <b>Max. Tool Weight (10lb)</b> EZ Clean – SNPLMS12 <b>Max. Tool Weight (5lb)</b>	Standard – SNPS24 <b>Max. Tool Weight (10lb)</b> EZ Clean – SNPLMS24 <b>Max. Tool Weight (5lb)</b>	Standard – SNPS36 <b>Max. Tool Weight (8lb)</b> EZ Clean – SNPLMS36 <b>Max. Tool Weight (4lb)</b>	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span>
 Plastic Snap Hook	Standard – SNPS12PL <b>Max. Tool Weight (2lb)</b> EZ Clean – SNPLMS12PL <b>Max. Tool. Weight (2lb)</b>	Standard – SNPS24PL <b>Max. Tool Weight (1.5lb)</b> EZ Clean – SNPLMS24PL <b>Max. Tool Weight (1.5lb)</b>	Standard – SNPS36PL <b>Max. Tool Weight (1lb)</b> EZ Clean – SNPLMS36PL <b>Max. Tool Weight (1lb)</b>	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span>
 Screw Gate	Standard – SGS12 <b>Max. Tool Weight (10lb)</b> EZ Clean – SG-LM-S12 <b>Max. Tool. Weight (5lb)</b>	Standard – SGS24 <b>Max. Tool Weight (10lb)</b> EZ Clean – SG-LM-S24 <b>Max. Tool Weight (5lb)</b>	Standard – SGS36 <b>Max. Tool Weight (8lb)</b> EZ Clean – SG-LM-S36 <b>Max. Tool Weight (4lb)</b>	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span>

For custom lengths, call for information.

## Pen, Pencil, Marker Lanyards

- Fits most pens, pencils, Sharpies
- Tubular knit fabric
- Can be used for small tools and pen lights



Part Number	Description	Member Length	Attachment Style	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: red;">■</span>
LYATT1	Implement Holder	3"	Heat Shrink Style	<p>Keep on your neck lanyard for easy tethered writing.</p>
LYATT2	Implement Holder	3"	Easy Insertion	
LYATT2LG	Implement Holder for Sharpies	3"	Easy Insertion	
LYATT3	Neck Lanyard Accessory	3"	Heat Shrink Style	
BNCLP1	3 Ring Binders & Clip Boards	14"	Heat Shrink Style	
BNCLP2	3 Ring Binders & Clip Boards	14"	Easy Insertion	
BNCLP3	3 Ring Binders & Clip Boards	14"	Heat Shrink Style	

## Standard Tooling Lanyards

- No metal components
- Adjustable hook and loop wrist strap



Part Number	Description	Max. Tool Weight	Package Qty.	Available in <span style="color: orange;">■</span>
LYWS-S	Wrist & Strap Attachment – Small	2lb	10	One size fits most. Very commonly used with Type 2 Attachments.
LYWSR	Wrist & Strap Attachment – Regular	2lb	10	
LYWSSBULK	Wrist & Strap Attachment – Small (Bulk Packaging)	2lb	100	
LYWSRBULK	Wrist & Strap Attachment – Regular (Bulk Packaging)	2lb	100	
STDCNCHOR	Cinching Tool Lanyards	3lb	10	
STDCNCHORBULK	Cinching Tool Lanyards	3lb	100	
LYWSC	Can Strap Attachment	2lb	10	
EZLYWSPL	EZ Clean Wrist Lanyard (No Metal)	2lb	10	
EZ-LYWS*	EZ Clean Wrist Lanyard	5lb	10	

\*EZ-LYWS models are also available in pink

## Economy Lanyards

- Simple and quick wrist adjustment
- No metal parts
- End stopper prevents cord lock from becoming foreign material



Part Number	Description	Max. Tool Weight	Package Qty.	Colors	
ECOLNY1	Tool Lanyard Cinching Only	2lb	10	<span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: red;">■</span> <span style="color: black;">■</span>	EZ clean versions work great in environments where contamination is a concern.
ECOLNY2	Cinching & Snap Hook Style	2lb	10	<span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: red;">■</span> <span style="color: black;">■</span>	
ECOLNY1EZ	EZ Clean Tool Lanyard Cinching Only	3lb	10	<span style="color: orange;">■</span> <span style="color: pink;">■</span>	
ECOLNY2EZ	EZ Clean Tool Lanyard w/snap hook	3lb	10	<span style="color: orange;">■</span> <span style="color: pink;">■</span>	
BNGLNY1	Bungee Style-Cinching Only	2lb	10	<span style="color: black;">■</span>	
BNGLNY2	Bungee Cinching & Snap Hook	2lb	10	<span style="color: black;">■</span>	

## VersaClamp® Lanyard (U.S. Patent No. D699100)

- One size fits all
- Used for tethering sandpaper, abrasive pads and other flat items
- Patent Pending



Part Number	Description	Colors
ECOLNY3	VersaClamp® Lanyard	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: red;">■</span> <span style="color: black;">■</span>



## VersaClamp® Universal Badge Clips (U.S. Patent No. D699100)

- No metal easy to clean
- Easily attaches to clothing, TLDs, EDs, Neck Lanyards, ID badges
- Standalone VersaClamps can be used to replace metal binder and paper clips (holds 30+ sheets of paper)



Part Number	Description	Package Qty	Colors
TETHC	Tether with 1 VersaClamp®	25	Orange, Pink, Black
TETHCC	Tether with 2 VersaClamps	25	Orange, Pink, Black
TETHCR	Tether with 1 Rope Clip and 1 VersaClamp®	25	Orange, Pink, Black
TETH-CRRDOR	Tether with 2 Rope Clips and 1 VersaClamp®	25	Orange, Pink, Black
TETH-CLRCRC-DL-OR-OF	Offset Tether with 2 Rope Clips and 1 VersaClamp®	25	Orange, Pink
TETH-CLRC-DL-OF	Offset Dual Tether with 1 Rope Clip and 1 VersaClamp®	25	Orange, Pink
TETHCSM	Tether (small) with 1 VersaClamp®	25	Orange, Pink
TETHCCSM	Tether (small) with 2 VersaClamps	25	Orange, Pink
TETHCRSM	Tether (small) with Rope Clip & 1 VersaClamp®	25	Orange, Pink
BDG-STRP-LP	6" Badge Strap Loop	1000	Orange, Pink, Black
BDG-STRP-LP-SM	3" Badge Strap Loop	1000	Orange, Pink
VERSACLAMP	Standalone VersaClamp™	1000	Black

## Cell Phone and Dosimetry Leashes

- Prevents phones, ID badges, TLD's, ED's, etc. from becoming falling objects
- Slide rope clips through manufacturer's hole
- Easy cleaning tether with excellent coil memory
- VersaClamp® is Patented



Part Number	Description	Package Qty	Member Length	Colors
CC35DBSNP	Retractable Lanyard with Dual Snap Hooks	25	3.5"	Orange
CC5PHSNP	Retractable Lanyards with Swivel Snap Hook	25	5"	Orange, Pink, Black
CC5PHVRSOR	Retractable Lanyards with VersaClamp® & rope clip	25	5"	Orange

## Camera Lanyards

- Adjustable to the user's wrist (one size fits all)
- Prevents cameras from being dropped
- Fits any camera with tether slot



Part Number	Description	Max. Tool Weight	Pkg. Qty.	Colors
CAMLAN	Camera Lanyard	1lb	10	Available in Orange, Pink, Red, Black
CAMLANEZ	EZ Clean Camera Lanyard	1lb	10	Available in Orange, Pink



### Neck lanyards

Part Number	Description
103008	Dual Breakaway with Offset Soft Ends
10101308	Single Breakaway with Offset Soft Ends
10010609	Rubber Neck Cord, Single Breakaway with Soft End
10022108	Dual Breakaway with Even Ends
10090508	Rubber Neck Cord, Dual Breakaway with Offset Ends
1010760B	Single Breakaway with Even Ends
NL24RSBK	Dual Breakaway Rubber Neck Lanyard with O-Ring and Retention Slider
NL-24-MB-3X5	Rubber Lanyard with 3"x 5" Mesh Bag- Breakaway
NL-24-MB-5X8	Rubber Lanyard with 5"x 8" Mesh Bag- Breakaway

	10010609	NL-24-RS-BK
	1010760B	10022108 10090508 (Rubber Neck Cord)
	10101308	103008
	N/A	NL-24-MB-3X5 (3" X 5" Bag) NL-24-MB-5X8 (5"X8" Bag)

### Retractable Pen and Badge Lanyards

- Clips to most neck lanyards and belt loops
- 24" retractor length
- Great for warehouse and office use



Part Number	Description	Holds	Colors
RET-PEN	Retractable Pen Holder	Pen or Pencil	Available in ■
RETPENCA	Retractable Pen Holder w/ Plastic Clip	Pen or Pencil	Available in ■ ■
RETPENPP	Dual Retractable Pen Holder	Pen and Marker	Available in ■ ■
RETPENDB	Retractable Badge and Pen Holder	Pen and ID Badge	Available in ■

## Neck Lanyard

### Pen Holder Retention Sliders

- Retention slider with dual pen holder
- Fits pens, pencils, and sharpies
- Neck Lanyard available in 3 styles
  - Standalone
  - With dual coil lanyards
  - With dual pen retractor
- Rubber Neck Lanyard with dual breakaway
- Same as our popular NL-24-RS-BK but with our patent pending pen slider.
- Keeps writing implements stationary and organized and helps prevent accidental writing on clothing when pens are left out



Part Number	Description
NL24RSPBK	Rubber Lanyard w/ Pen Holder Retention Slider
NL24RSPRETBK	Rubber Lanyard w/ Pen Holder Retention Slider & Retractor
NL24RSPCLBK	Rubber Lanyard with Pen Holder Retention Slider & Dual Coils

### Non Metallic Badge Clip

- Keeps the badge facing forward
- Swivels 360 degrees
- Offsetting strap lengths to prevent masking
- Clamp securely installs on clothing or over neck lanyards
- Eliminates accidental release commonly associated with spring clips
- Choose your configuration; kit comes with all parts to assemble different styles



Part Number	Description	Colors
VCLAMP-BDG	Non Metallic Badge Clip	Available in <span style="color: orange;">■</span>

### Retractable Tooling Lanyards

- Attach to belt loops or harness d-rings
- 104-5601 and 104-5602 feature a lock switch



Part Number	Description	Max. Tool Weight	Retraction Force
HDRF810*	48" Retractor w/Carabiner & Split Ring	1.0lb	8-10 oz
HDRF810S*	48" Retractor w/Carabiner Steel Cable	1.0lb	8-10 oz
SDRF1315*	36" Retractor with Carabiner & Split Ring	1.5lb	13-15 oz
1045601	38" Retractor with Snap/Belt Clamp Mount	1.0lb	3oz
105601	42" Retractor with Snap/Belt Clamp Mount	2.0lb	8oz
1045602	38" Retractor with S/S Screw Gate Carabiner	1.0lb	3oz
105602	42" Retractor with S/S Screw Gate Carabiner	2.0lb	8oz
10205	32 oz Elastic Tether Clip Replacement	N/A	N/A
10926	16 oz Elastic Tether Clip Replacement	N/A	N/A



#### Did you know?

The part numbers starting with 10s in addition to rugged industrial use are commonly used for extended underwater operations and diving.

\* Do not force or bend the spring gate laterally as this will render the carabiner ineffective and create the potential for small parts to be released.

## Tether-Ready Hammers

- Rubber/steel unbreakable handle, forged alloy steel head
- Comes with a customized sleek shackle installed with no abrupt hardware preventing snags and injuries to the worker
- Pin supplied as an anti-rotation to prevent backing out
- Non sparking
- Sledge hammers available



Part Number	Description
HMR20-T	20 oz. Claw Hammer w/Shackle
11HVB2414	14" 24 oz. Ball Peen Hammer w/Shackle
11HVB3214	32 oz. Ball Peen Hammer w/Shackle
11HVB4014	40 oz. Ball Peen Hammer w/Shackle
11HVS412	12" 4 lb Sledge Hammer w/Shackle
11HVS624	24" 6 lb Sledge Hammer w/Shackle
11HVS630	30" 6 lb Sledge Hammer w/Shackle
11HVS824	24" 8 lb Sledge Hammer w/Shackle
11HVS830	30" 8 lb Sledge Hammer w/Shackle
11HVS1030	30" 10 lb Sledge Hammer w/Shackle
11HVS1230	30" 12 Lb Sledge Hammer w/Shackle
11HVS1430	30" 14 lb Sledge Hammer w/Shackle

Lanyards Sold Separately

## Glove Clip

- Attaches to belt loop or directly to clothing
- Keep gloves at an arm's reach
- Reduce hand injuries by keeping gloves readily available
- Mesh utility bags:
  - Slips over a belt or waist band
  - Open weave design for visibility and breathability



Part Number	Description
891939	Standard Glove Guard Glove Clip
89193-9-Custom	Glove Clip with Custom Text or Color
GUBMG5X8OR	5" x 8" Re-closable Mesh Bag Clip Style
GUBMG7X10OR	7" x 10" Re-closable Mesh Bag Clip Style
GUBMU5X8OR	5" x 8" Re-closable Mesh Bag Belt Style
GUBMU7X10OR	7" x 10" Re-closable Mesh Bag Belt Style

Glove clip in ■ ■ ■  
 Mesh bags ■

## Locking Tool Retractor

- Belt (1.55" wide) or carabiner mounted
- Belt mount option offers 360° movement to allow for easy tool use and minimal resistance
- 40" Retracting Length
- 1.0lb max. tool weight limit
- Designed with a locking stop to prevent heavier tools from pulling out the retractor when not in use
- Not for use in FME Zones



Part Number	Description
TRSKt8S	Locking Tool Retractor

## PPE Caddy® with Eyeglass Holder

- Keep gloves and earplugs at an arm's reach
- Three styles for optimal use in any situation
- Pouch has an inherent slot for storing safety/eyeglasses
- Reduce the cost of lost gloves and time spent searching for PPE
- Attach to belt loops, clothing, or any convenient attachment location
- Easy opening design reduces hand fatigue
- Features breakaway



Part Number	Description	Available in
PPEC-P	PPE Caddy Glove Holder with Pouch and Eyeglass Holder	Orange, Yellow, Pink
PPEC-F	PPE Caddy Glove Holder with Float	Orange
PPEC-S	PPE Caddy Glove Holder	Orange

## Tether-Ready Screwdrivers

- Tether-Ready Screwdrivers with 360° tangle free rotation
- Heavy-duty with roll proof comfort grips
- Chrome Vanadium blade with magnetic tips to prevent slipping
- Available in 2 combination sets.



Part Number	Description	Available in
030111MSTA	Tether-Ready Screw Driver Set of 2	Orange
030111MST	Tether-Ready Screw Driver Set of 4	Orange

## Shackle Pin Swivel Lanyards (U.S. Patent No. D676,734)

- Prevents shackle pin from loss
- Swivel design to prevent tangling
- Quick Installation
- 2 options fits most style shackles



Part Number	Description	Available in
LANSHKLCR	Swivel Lanyard for Shackle Pins	Orange
LAN-SHKL-CR-HD	Swivel Lanyard for Heavy Duty Shackle Pins	Orange
SWAG18-SHKL	1/8" Crimp Tool	Orange

## Dual End Scaffold Wrench

- Multi-function
- Ratchet on one end, wrench on the other
- Interchangeable NUPLA head
- Preinstalled tether ring
- Easy to switch direction
- Open flip switch for easy cleaning and use with gloves
- Made in the U.S.A.
- Use the wrench in hard to reach places



Part Number	Description	Available in
104488	Multi-Function Scaffold Wrench	Orange

# Anti-Drop Storage

## Pouches, Pockets, Bags, Buckets, Belts

Ensure items in your dropped objects prevention program aren't dropped while they are being stored. Tool pouches add a level of convenience that lanyards alone may not offer. Tool buckets

ensure that items are not prone to dropping while they are in not in use. Each of the items designed for anti-drop storage has been specially designed to fit a wide array of work at height. Keeping your tools organized also ensures a drop-free culture at the workplace.



\*Ratings guaranteed only with use of Ty-Flot products.



### Retractable Tape Measure Pocket

- Designed to conveniently hold a wide variety of tape measures
- Fits up to 2" tool belts
- 42" retractor with lock
- Includes Tape Sleeve attachment for tape measure
- Ballistic nylon



Part Number	Description	Max. Tool Weight	Cord Type
RETTAPE	Retractable Tape Measure Pocket	2.0lb	Spectra

### Retractable 1 and 2 Tool Pockets

- Fits up to 2" belt
- Max. Tool Weight:
  - Kevlar: 1lb
  - Wire: 1.5lb
- Holds pliers, ratchets, levels
- Ballistic nylon
- Kevlar or steel retractor options



Part Number	Description
RETPBH1	Single Unit Retractable Tool Pocket
RETPBH2	Dual Unit Retractable Tool Pocket
KITHRN1	Harness Conversion Kit for RET-TP-BH-1 and RET-TP-BH-2

### Retractable Hammer or Ratchet Pocket

- Designed for hammers and scaffold ratchets
- Fits up to 2" tool belts
- 42" Retractor with lock
- Ballistic nylon



Part Number	Description	Max. Tool Weight	Cord Type
RETHR	Retractable Hammer/Ratchet Pocket	2.0lb	Spectra

### 4 Pocket Retractable Scaffold Tool Pouch

- Designed to hold hammers, scaffold ratchets, level, pliers, and tape measure
- Fits up to 2" tool belts
- 4 retractors, 2 lanyard attachment points
- U.S. Patent No. 8,756,771 & D698223
- Max. Tool Weight:
  - Small Retractors: 1lb
  - Large Retractors: 2lb
- Ballistic nylon



Part Number	Description	Cord Type
RET4PKT	4 Pocket Retractable Scaffold Tool Pouch	Spectra



### 5 Pocket Retractable Glazier Pouch

- Holds up to 5 tools
- Used for knives, chisels, cutters, 6-in-1 tools, pliers, etc.
- Manufactured with durable ballistic nylon
- Adaptable with 2" belts



Part Number	Description
RETP5GLZ	5 Pocket Retractable Glazier Pouch

### Anti-Spill Parts Pouches

- Buckle Closure
- Ballistic nylon
- Adaptable to 3" belts



Part Number	Description
TLPCH9X9	Ballistic Nylon Tool Pouch w/Internal Pocket
TLPCH-6RET	6 Pocket Retractable Tool Pouch

### Self-Closing Parts Pouch

- Internal self-closing feature
- Prevents items from being dropped if upside down
- Zipper top for a secondary closure system
- Abrasion/wear tested
- Ballistic nylon
- Adaptable to 3" belts
- Patents pending



Part Number	Description
TLPCH-9X9-PCL	Self-Closing Parts Pouch

### Specialty Tool Belts

- For use with most tool pockets
- EZ clean belts are non absorbing and resist stretching
- Multiple sizes and colors available



Part Number	Description	Available in
BELT-LEATHER	Leather Utility Belt for Tool Pouches	Available in
BELTEZR	EZ Clean Tool Belt – Regular (Fits 26"-48")	Available in
BELTEZL	EZ Clean Tool Belt – Large (Fits 48"-60")	Available in
BELT-R	Webbing Tool Belt – Regular (Fits 26"-48")	Available in
BELT-L	Webbing Tool Belt – Large (Fits 48"-60")	Available in





### Comfort Fit Utility Belt

- Ergonomically designed for comfort
- Inner pad with threaded outer webbing
- Ballistic nylon outer shell
- Vertical webbing stoppers around entire circumference allow you to choose where to lock pouches
- Dual adjustment allows two sizes to fit most workers
- Fits most tool pockets
- Quick release adjustable buckle



Part Number	Description
BELTCMFTR	Comfort Fit Padded Tool Belt Regular (28" to 40")
BELTCMFTL	Comfort Fit Padded Tool Belt Large (40" to 54")
BELTCMFTDR	Comfort Fit Padded Tool Belt Med 28" to 40" with 8 Dees
BELTCMFTDL	Comfort Fir Padded Tool Belt Large 40" to 54" with 8 Dees

### Leather Retractable Alignment Pin and Hammer Pockets

- Rugged leather and grommet construction
- Fits standard utility belts
- 42" retractor pull length
- Configured for easy insertion of tools into pockets



Part Number	Description	Max. Tool Weight	Cord Type
ALN-RET-GK	Leather Spud Wrench/Pin Pocket	2lb	Spectra
HAMPKT-GK	Leather Retractable Hammer Pocket	2lb	Spectra

### Leather Retractable Tool Pockets

- Rugged leather and grommet construction
- Fits standard utility belts
- 48" retractor pull length
- Configured for easy insertion of tools into pockets
- Easily slides to fit users desired location



Part Number	Description	Max. Tool Weight	Cord Type
LEVPKT	Retractable Tooling Lanyard for hammers, ratchets, etc.	1.5lb	Wire
TAPEPKT	Retractable Tool Pocket for Spud Wrench or Alignment Pin	1.5lb	Wire

## Retractable Coil Pouches (U.S. Patent No. 8,403,132)

- Heavy-duty ballistic nylon
- Clip holds tools in place until ready for use
- Anti-tangle design coils extend 36"
- Excellent coil memory
- Quickly adapts to your tools with appropriate attachment style



Part Number	Description	Max Tool Weight	Fits
072510	2 Pocket Retractable Pouch	5lb	N/A
072510A	4 Pocket Retractable Pouch	5lb	N/A

## Tool Pocket Adaptors

- Make any existing pocket a retractable pocket
- Easy installation - retractor slides on to tool belt
- 48" retractor cord length
- Attaches to suitable tools with many attachment styles (See Attachment Points section)



Part Number	Description	Max. Tool Weight	Cord Type
481BLROT225	Belt Retractor for 2.25" Belts	1.0lb	Kevlar
481BLROT325	Belt Retractor for 3.25" Belts	1.0lb	Kevlar

## Double-Up™ Retractors (U.S. Patent No. 8,919,629)

- One device connects up to 4 tools (2 retractable)
- Turns conventional tool pockets into retractables
- Can be used as a standalone unit with small tools
- Fits up to 3.25" tool belts
- 48" retractor cord length
- Attaches to suitable tools with many attachment styles



Part Number	Description	Max. Tool Weight	Cord Type
RETDUBL	Double-Up Tool Lanyard no Snaps	1.5lb	Wire
RETDUBLSNP	Double-Up Tool Lanyard with 4 Snaps	1.5lb	Wire

Kevlar cord available.

## Locking Double-Up™ Retractor

- Turns conventional tool pockets into retractable pockets
- Can be used as a standalone unit with small tools
- Fits standard 2" tool belts
- 42" retractor cord length
- Locking retractors for ease of use
- Attaches to suitable tools with many attachment styles (See Attachment Points section)



Part Number	Description	Max. Tool Weight	Cord Type
RETDUBLLCK	Locking Double-Up Tool Lanyard	2lb	Spectra



### Adjustable Tool Belts and Carabiner Adapters

- Belt adapters with dual screw gate carabiner allowing for positive control
- Prevents accidental release of tools commonly associated with trigger snap hooks
- Up to 2 tools per adapter
- Available as standalone or installed on tool belt



Part Number	Description
BLTAD2	Carabiner Belt Adapter
EZBLTAD2	EZ Clean Carabiner Belt Adapter
BLTEZCBBR	EZ Clean Adjustable Tool Holder Belt- 26"-48"
BLTEZCBL	EZ Clean Adjustable Tool Holder Belt 48"-60"
BELT-CB-6-R	Adjustable Tool Holder Belt- 26"-48"
BELT-CB-6-L	Adjustable Tool Holder Belt 48"-60"

### Rigid Tool Buckets

- Rugged polymer bottom
- Heavy-duty canvas construction
- Reinforced plastic liner
- 12" dia. 15" deep
- 10 tool attachment rings on the inside
- Each ring can hold multiple tools
- Rope handle with swivel snap hook for hoisting
- 75lbs rated



Part Number	Description
2070HBTFI	Tool Bucket with Attached Split Rings
2070HBSTDHK	Tool Bucket with Attached Snap Hooks
2070HBDLXHK	Tool Bucket with Attached Deluxe Connectors

### 180lb Tethered Tool Bucket with Swivel Carabiner

- Hook and loop closure to prevent items from falling out
- High strength triple locking carabiner to prevent accidental release
- Swivel carabiner to prevent entanglement
- Rated for 180 lbs
- Coated tethers to prevent fraying when coming in contact with hook and loop
- Vinyl bucket and coated tethers for ease of cleaning



Part Number	Description
TTB180VYVC	180 lb Tethered Tool Bucket

### 150lb Closure Rated Tool Buckets

- Dual load rated upright and closure 150lbs
- EZ clean VCP
- Exceptional resistance to punctures and abrasion
- Individual serial numbers
- 13" dia. x 22"
- Patent pending



Part Number	Description	Diameter
TB1322PV	150 lb Closure Rated Tool Bucket	13"



### 300lb Zip Top Dual Rated Tool Bucket with Swivel Carabiner

- 300 lb bottom and closure rated with a safety factor of 5
- Zipper closure with secondary locking system
- Leather bottom to prevent cracking due to impact
- 100 lb drop tested from 10'
- Inside zipper pocket
- Ballistic nylon
- Tethers and D-rings



Part Number	Description
TTB300BNLBZP	300lb Dual Rated Swivel Tethered Tool Bucket- 12" dia. x 15", Zipper Top

### 100lb Closure Rated Tool Buckets

- Dual load rated upright and closure 200lbs
- Exceptional resistance to punctures and abrasion
- Individual serial numbers
- Perfect for gas cylinders and other long tools/equipment
- Patent pending



Part Number	Description	Diameter
TB1060CV-10	100lb Tool Bucket	10"
TB1030CV-10	100lb Tool Bucket	10"

### 500lb Closure Rated Tool Buckets

- Dual load rated upright and closure 150lbs
- EZ clean VCP
- Exceptional resistance to punctures and abrasion
- Individual serial numbers
- 20" dia. x 28"
- Patent pending



Part Number	Description	Diameter
TB2028PV	500lb Closure Rated Tool Bucket	20"



### Parts and Assemblies Bags

- 400 Denier Nylon, fluorescent green
- Print reads “Parts Bag, Size, Do Not Discard”
- Cord-Lock Styles:
  - Printed in 5 locations
  - Great for keeping control of small articles
- Hook and loop styles:
  - Printed on front and back
  - Great for large articles



Part Number	Length	Width	Height	Pack- age Qty	Style
PB-4-400-FLGN	4" Dia.	N/A	8"	30	Cord-Lock
PB-6-400-FLGN	6" Dia.	N/A	8"	30	Cord-Lock
PB-10-400-FLGN	10" Dia.	N/A	12"	30	Cord-Lock
PB15X17-400-FLGN	15"	17"	6"	10	Hook and Loop
PB15X17-LR	15"	17"	6"	10	Load Rated Hook and Loop
PB24X24-400-FLGN	24"	24"	7"	10	Hook and Loop
PB30X30-400-FLGN	30"	30"	10"	10	Hook and Loop
PB38X55-400-FLGN	38"	55"	12"	5	Hook and Loop

For a cheaper alternative see tinted zip-lock bags.

Some uses include, respirators, calibrated instruments, insulation, tools and more.

### Wet/Dry Vac & Mop Bucket Lift Bag

- Load rated up to 250 lbs
- Fits 16 gal. vacuum or less and mop buckets
- Swivel free triple lock carabiner
- Drawstring closure
- Ballistic Nylon
- Custom sizes are available



Part Number	Description
LB-WDVAC-STD	Standard Size Lift Bag for Wet/Dry Vacs & Mop Buckets

### Magnetic Trays and Side Trays



Part No.	Description	(L x W x H)
MT3006	Magnetic Tray	14" x 6" x 1.5"
MT1006	Magnetic Tray Round	6" Dia. X 1.25"
MT3005	Large Magnetic Tray	9.5" x 5.5" x 1.5"
MT3010	Super Magnetic Tray	11.5" x 10.75" x 1.5"
MST1006	Magnetic Side Tray	6" x 4.5" x 1.5"
MST1012	Magnetic Side Tray	12" x 4.5" x 1.5"



### 17 Pc Tether-Ready Tool Apron Wrench Kit

- Perfect for mobile equipment work platforms
- Kit includes combination wrenches, sledge hammer and pipe wrenches
- All tools are tether-ready
- Comes with 2 tool lanyards



Part Number	Description
MEWP2-KIT	17 pc. Tethered Kit

### 32 Pc Tether-Ready Tool Apron Kit

- An all-in-one kit for mobile equipment work platforms
- Kit includes sledge hammers, grease gun, pry bars, wrenches, screw drivers, and chisels
- All tools are tether-ready
- Comes with 1 tool lanyard



Part Number	Description
MEWP1-KIT	32 pc. Tethered Kit

### Rig Cabinet Tethered Tool Kits

- Available with forklift pockets or locking casters
- Hanging storage for easy access
- 5 heavy-duty drawers for storage
- All tools are tether-ready and secured within the cabinet
- Customizable to meet your specific requirements



Part Number	Description
TTK-1	Original Tethered Tool Kit
TTK-RG1	73 Piece Kit
TTK-RG2	18 Piece Kit
TTK-RG3	6 Piece Kit
TTK-RG4	23 Piece Kit
TTK-RG5	178 Piece with Shadowbox Drawers

Available in RFID ready and barcode ready configurations

Call for content listing



# Barriers & Covers

Barriers are installed on any equipment as a means to prevent the entry of foreign material. They keep foreign material out of open components by physically blocking it. FME covers, magnetic sheets, plastic caps and plugs are all commonly used FME barriers. The variety of styles available allow you to cover almost any piece of vulnerable equipment around almost any work task.

Even though we're known for carrying stock on many items, we also provide some of the most knowledgeable custom creations in the industry. If you don't see the style of cover you're looking for in this section, please give us a call and we'll create a custom solution for your needs.

## Barrier Applications

1. Turbine Maintenance
2. Refueling Outages
3. Component Storage (Warehousing)
4. Electrical and I&C
5. Air Handling Units (Duct Work)
6. S/G (Primary and Secondary)
7. Manway Openings, Heat Exchanger, Condensers, Misc Openings
8. Piping, Tubing, Flanges
9. MSRs, Drywell, Suppression Pools
10. Large Vessels
11. Valves
12. Diesel Generators
13. Drains
14. Irregular openings



## Nylon FME Covers

- Round bottom for custom fit
- Adjustable drawstring with metal-free cord lock
- NFPA-701 fire retardant
- Water repellent
- Print reads FME and the appropriate pipe usage size



Part Number	Depth	Fits Pipes	Flange Size 150 & 300 lb	Package Quantity	Available in
CBFR1-T	4"	1" Tube		50	Orange, Red, Pink, Green
CBFR1	4"	1" NPT		50	
CBFR2	4"	2"		50	
CBFR4	6"	4"		30	
CBFR6	6"	6"	2"	30	
CBFR9	6"	9" (NPT 8")	2.5"-3"	30	
CBFR10	6"	10"	3.5"-4"	30	
CBFR12	6"	12"	5"-6"	20	
CBFR15	6"	15"	8"	20	
CBFR18	6"	18"	10"	20	
CBFR24	10"	24"	12"-14"	20	
CBFR30	10"	30"	16"-18"	20	
CBFR38	10"	38"	24"	10	

Don't let your FME Covers be used for storing parts. See Parts Bags for an alternative to prevent foreign material.

Use uniquely identified collection bins prior to laundering. See FME Cover Hampers.

Laundering information available on request.

\*Elastic Closure

## Vented Nylon FME Covers (Patent No. 7,900,654)

- Hook and loop panel reveals mesh ventilation area
- Vented panel allows pressure to equalize
- 200 denier nylon with urethane backing
- Round bottom for custom fit
- Adjustable drawstring with metal-free cord lock
- NFPA-701 fire retardant
- Water repellent



Part Number	Depth	Fits Pipes	Flange Size 150 & 300 lb	Package Quantity	Available in
CBVFR1-T*	4"	1" Flat		50	Orange, Pink
CBVFR1*	4"	1" NPT		50	
CBVFR2.9	4"	2.9" Flat		50	
CBVFR4	6"	4"		30	
CBVFR6	6"	6"	2"	30	
CBVFR9	6"	9"	2.5"-3"	30	
CBVFR12	6"	12"	5"-6"	20	
CBVFR15	6"	15"	8"	20	
CBVFR18	6"	18"	10"	20	
CBVFR24	10"	24"	12"-14"	20	
CBVFR30	10"	30"	16"-18"	20	
CBVFR38	10"	38"	24"	10	

Used when FME barrier protection is needed but ventilation is also required.

Prevents changes in pressure from blowing off, or sucking in cover.

Vented covers are often used in duct work and on operating electrical equipment that requires ventilation.

\*Elastic Closure



## Economy FME Covers

- Extremely cost effective compared to nylon
- Used when FME covers are not expected to be returned
- NFPA-701 fire retardant
- Water repellent and breathable
- Reusable and Washable
- Adjustable drawstring with metal-free cord lock



Part Number	Depth	Fits Pipes	Package Quantity	Available in <span style="color: orange;">■</span> <span style="color: red;">■</span>
ECO-FR1-HD*	4"	1" NPT	500	<p>Often during equipment transfers from the warehouse to the plant, FME covers are lost or discarded. Other times covers must be discarded because of contamination. Economy covers were designed to keep cost of losses down.</p>
ECO-FR2-HD	4"	2"	400	
ECO-FR4-HD	6"	4"	400	
ECO-FR6-HD	6"	6"	100	
ECO-FR10-HD	6"	10"	100	
ECO-FR12-HD	6"	12"	100	
ECO-FR15-HD	6"	15"	50	
ECO-FR18-HD	6"	18"	50	
ECO-FR24-HD	10"	24"	50	
ECO-FR30-HD	10"	30"	50	
ECO-FR38-HD	10"	38"	50	

\*Elastic Closure

## High Temperature FME Covers

- 500°F continuous use
- 1000°F melting point
- Kevlar drawstring with metal-free cord lock
- Use for welding and on hot pipes
- Also available in rolled goods



Part Number	Depth	Fits Pipes	Package Quantity	Available in <span style="color: grey;">■</span>
CBFR6-HT	6"	6" NPT	1	<p>Rolled raw materials available.</p>
CBFR10-HT	6"	10" NPT	1	

## FME Cover Hamper

- 30 gallon rugged plastic or steel drums
- Steel flip-top dome lid
- Labeled with FME HAMPER
- Mesh liner with draw string
- Perfect for storing soiled FME covers ready to be laundered



Part Number	Description	Available in <span style="color: orange;">■</span> <span style="color: red;">■</span>
HMP-PL-30	30 Gallon Plastic Hamper	
HMP-ST-30	30 Gallon Steel Drum	

## XERO Waste® FME Covers

- Fabric dissolves in water at 95°C
- Reduces radioactive waste
- No metal components
- Round bottom for custom fit
- Print reads FME and the appropriate pipe usage size



Part Number	Depth	Fits Pipes	Package Quantity
CB-DSLV1*	4"	1" NPT	100
CB-DSLV2	4"	2"	100
CB-DSLV4	6"	4"	100
CB-DSLV6	6"	6"	100
CB-DSLV10	6"	10"	50
CB-DSLV12	6"	12"	50
CB-DSLV15	6"	15"	50
CB-DSLV18	6"	18"	50
CB-DSLV24	10"	24"	50
CB-DSLV30	10"	30"	50
CB-DSLV38	10"	38"	50

The XERO Waste material is commonly used in other nuclear applications where radioactive waste is a concern.

XERO waste FME covers are ideal for use in plants that use dissolvable protective clothing.

\*Elastic Closure

## High Temp Weld Fit-up Covers

- Used during the fit-up process to protect against FM intrusion
- One cover spans multiple pipe sizes
- High temperature compatible
- Sizes larger than 48" contact us with requirements



Part Number	Size	Available in
WFC28	2" - 8" NPT	
WFC818	8" - 18" NPT	
WFC1824	18" - 24" NPT	
WFC2448	24" - 48" NPT	

## Tether-Ready NPT Plugs

- Molded d-ring into the top to allow for sign attachments
- Manufactured of HDPE with low halogens
- Squared off head to allow for wrench installations



Part Number	Size
S014	¼" NPT Threaded Plug
S038	⅜" NPT Threaded Plug
S050	½" NPT Threaded Plug
S034	¾" NPT Threaded Plug
S100	1" NPT Threaded Plug
S114	1¼" NPT Threaded Plug
S112	1½" NPT Threaded Plug




## Standard Caps and Plugs for Tubing and NPT

Part Number	Style	Package Quantity	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: red;">■</span>
EZ240-12	Tube Cap 1/4"	100	<p>Conveniently packaged in bags of 100.</p> <p>Packaged in heavy-duty tinted Ziploc bags.</p> <p>Refill your FME cabinets with appropriate plugs and caps (see FME Cabinets)</p> <p>VCF series are commonly used on valve stems and scaffold knuckles as a bump pad to prevent worker injury.</p>
EZ365-12	Tube Cap 3/8"	100	
EZ490-12	Tube Cap 1/2"	100	
EZ521-12**	Tube Cap 0.521"	100	
EZ677-12**	Tube Cap 0.677"	100	
EC-10**	Electrical Cap 0.6"	100	
EC-12	Electrical Cap 0.72"	100	
EC-16	Electrical Cap 0.97"	100	
EC-18**	Electrical Cap 1.09"	100	
EC-20	Electrical Cap 1.23"	100	
EC-24	Electrical Cap 1.46"	100	
EC-32	Electrical Cap 1.97"	100	
VCF-125-16**	Tube Cap 1/8"	100	
VCF-250-16*	Tube Cap 1/4"	100	
VCF-375-16*	Tube Cap 3/8"	100	
VCF-500-16*	Tube Cap 1/2"	100	
VCF-750-16*	Tube Cap 3/4"	100	
VC-1000-16	Tube Cap 1"	100	
VC-1312-24	Tube Cap 1.312"	100	
VC-1875-16	Tube Cap 1.875	100	
VC-2375-16	Tube Cap 2.375	100	
P-18	Threaded Plug 1/8"	100	
P-28	Threaded Plug 1/4"	100	
P-38	Threaded Plug 3/8"	100	
P-48	Threaded Plug 1/2"	100	
P-68H	Threaded Plug 3/4"	100	
P-88H	Threaded Plug 1"	100	
P-108	Threaded Plug 1 1/4"	100	
P-128	Threaded Plug 1 1/2"	100	

?

Did you know?

Internal plugs can create an FME hazard if they are left installed. See the Barrier Identification section for options to make caps and plugs more visible and reduce the risk of accidentally leaving them in place.



\*Pink part number is VC instead of VCF. \*\*Not available in pink.

## V Series Caps and Plugs

- Low density polyethylene



Part Number	Style	Package Quantity	Available in <span style="color: orange;">■</span> <span style="color: red;">■</span>
V23	½" Socket Plug	100	
V31	¾" Socket Plug	100	
V42	1" Socket Plug	100	
V53	1-1/4" Socket Plug	100	
V57	1-1/2" Socket Plug	100	
V68	2" Socket Plug	100	

## NPT Caps Series

- Protects threaded pipe ends
- Rigid structure provides extra protection
- Locking ridge holds cap firmly on pipe end
- Prevents foreign materials during transit and storage
- Low density polyethylene



Part Number	Nominal Pipe Size	Cap Inner Diameter	Package Quantity	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: red;">■</span> <span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>
NPT1/4	¼"	0.516	100	
NPT3/8	3/8"	0.66	100	
NPT1/2	1/2"	0.84	100	
NPT3/4	3/4"	1.045	100	
NPT-1	1"	1.29	100	
NPT-1-1/4	1-1/4"	1.66	100	
NPT-1-1/2	1-1/2"	1.91	100	
NPT-2	2"	2.378	100	
NPT-2-1/2	2-1/2"	2.86	50	
NPT-3	3"	3.47	30	
NPT-3-1/2	3-1/2"	4	25	
NPT-4	4"	4.5	20	
NPT-5	5"	5.63	20	
NPT-6	6"	6.64	20	
NPT-8	8"	8.67	20	
NPT-10	10"	10.705	25	
NPT-12	12"	12.679	18	
NPT-14	14"	14	15	
NPT-16	16"	16	15	
NPT-18	18"	18	10	
NPT-20	20"	20	15	
NPT-22	22"	22	10	
NPT-24	24"	24	8	

## Metric Caps and Plugs

- Low density polyethylene



Part Number	Style	Fits Hydraulic Fitting	Package Quantity	Comes in red.
TP-26X1-5	Metric Threaded Plug	M26x1.5	100	
TC-26X1-5	Metric Threaded Cap	M26x1.5	100	

## Swage Series Caps and Plugs

- Low density polyethylene



Part Number	Style	Fits Hydraulic Fitting	Package Quantity	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: red;">■</span>
SWG-TP-4	Threaded Plug	Swage fitting 400-6 (1/4")	100	<span style="color: orange;">■</span>
SWG-TC-4	Threaded Cap	Swage fitting 400-6 (1/4")	100	
SWG-TP-6	Threaded Plug	Swage fitting 600-6 (3/8")	100	
SWG-TC-6	Threaded Cap	Swage fitting 600-6 (3/8")	100	
SWG-TP-8	Threaded Plug	Swage fitting 810-6 (1/2")	100	
SWG-TC-8	Threaded Cap	Swage fitting 810-6 (1/2")	100	
SWG-TC-12 (Red)	Threaded Plug	Swage fitting 1210 (3/4")	100	
SWG-TC-16 (Red)	Threaded Plug	Swage fitting 1610 (1")	100	
SWG-TC-12 (Red)	Threaded Cap	Swage fitting 1210 (3/4")	100	
SWG-TC-12 (Red)	Threaded Cap	Swage fitting 1610 (1")	100	

## Flange Protector Caps Series

- Easy and quick installation
- Press into flange bolt holes
- No fasteners required
- Low density polyethylene



150 lb Series Part #	300 lb Series Part #	Nominal Pipe Size	Package Quantity	Available in <span style="color: orange;">■</span> <span style="color: red;">■</span>
150-1/2	300-1/2	0.50	100	<div style="border: 2px solid yellow; border-radius: 15px; padding: 10px; background-color: #007bff; color: white;"> <p style="font-size: 2em; font-weight: bold; margin: 0;">?</p> <p style="font-size: 1.2em; font-weight: bold; margin: 5px 0 0 0;">Did you know?</p> <p style="font-size: 0.9em; margin: 0;">Color themes can provide a positive impression to inspectors. Replace vendor supplied protective covers with appropriately themed protection and impress the regulators.</p> </div>
150-3/4	300-3/4	0.75	100	
150-1	300-1	1.00	100	
150-1-1/4	300-1-1/4	1.25	100	
150-1-1/2	300-1-1/2	1.50	100	
150-2	300-2	2.00	100	
150-2-1/2	300-2-1/2	2.50	100	
150-3	300-3	3.00	75	
150-3-1/2	300-3-1/2	3.50	50	
150-4	300-4	4.00	50	
150-6	300-6	6.00	40	
150-8	300-8	8.00	30	
150-10	300-10	10.00	14	
150-12	300-12	12.00	10	

## Turbine and FME Safe-T-Sponge®

(U.S. Patent No. 6506014 & 6824356)

- Compressible
- Quick installation and removal
- Low halogens
- Won't lose air pressure like inflatable bladders
- Remains in position indefinitely
- Withstands sandblasting
- Reusable
- Insert and withdraw through manhole openings

# SAFE-T-SPONGE

"We keep debris out"®



Part Number	Laminated Part Number	Outer Diameter Size	Package Quantity
N-PL 1	N/A	1.00"	25
N-PL 1.25	N/A	1.25"	25
N-PL 1.5	N/A	1.5"	25
N-PL 2	N/A	2.25"	25
N-PL 2.5	N/A	2.75"	25
N-PL 3	N/A	3.25"	25
N-PL 4	N/A	4.25"	15
PL 5	L-PL 5	5"	10
PL 6	L-PL 6	6"	10
PL 8	L-PL 8	8"	10
PL 10	L-PL 10	10"	10
PL 12	L-PL 12	12"	1
PL 14	L-PL 14	14"	1
PL 16	L-PL 16	16"	1
PL 18	L-PL 18	18"	1
PL 20	L-PL 20	20"	1
PL 22	L-PL 22	22"	1
PL 24	L-PL 24	24"	1
PL 26	L-PL 26	26"	1
PL 28	L-PL 28	28"	1
PL 30	L-PL 30	30"	1
PL 32	L-PL 32	32"	1
PL 34	L-PL 34	34"	1
PL 36	L-PL 36	36"	1
PL 38	L-PL 38	38"	1
PL 40	L-PL 40	40"	1
PL 42	L-PL 42	42"	1
PL 44	L-PL 44	44"	1
PL 46	L-PL 46	46"	1
PL 48	L-PL 48	48"	1
PL 50	L-PL 50	50"	1

Sponges should be ordered at one size above the pipe they will be used on. For example, a 20 inch pipe would require a 22 inch sponge for best fit.

Custom sizes and shapes are commonly created for special applications like L.P. and H.P. extraction ports, tube and seal openings, turbine oil applications and more.

This internal plug should be fitted with a "tell-tail" Options in the Barrier Identification section.

### Did you know?

Air bladders deflate, wood splinters, tapes unravel and leave residue, rags get miscounted and lost... but FME sponges keep debris out with surprising effectiveness.



## Inflatable Bag Plugs

Size	Gum Rubber Part No.	Nitrile Part No.	Qwik Fit Plug Part No.	Nitrile Qwik Fit Plug Part No.
2"	INFBP102	INFBPN102	QC2	QCN2
3"	INFBP103	INFBPN103	QC3	QCN3
4"	INFBP104	INFBPN104	QC4	QCN4
5"	INFBP105	INFBPN105	N/A	N/A
6"	INFBP106	INFBPN106	QC6	QCN6
8"	INFBP108	INFBPN108	QC8	QCN8
10"	INFBP110	INFBPN110	QC10	QCN10
12"	INFBP112	INFBPN112	QC12	QCN12
14"	INFBP114	INFBPN114	QC14	QCN14
15"	INFBP115	INFBPN115	N/A	N/A
16"	INFBP116	INFBPN116	QC16	QCN16
18"	INFBP118	INFBPN118	QC18	QCN18
20"	INFBP120	INFBPN120	QC20	QCN20
21"	INFBP121	INFBPN121	N/A	N/A
22"	INFBP122	INFBPN122	QC22	QCN22
24"	INFBP124	INFBPN124	QC24	QCN24
26"	INFBP126	INFBPN126	QC26	QCN26
28"	INFBP128	INFBPN128	QC28	QCN28
30"	INFBP130	INFBPN130	QC30	QCN30
32"	INFBP132	INFBPN132	QC32	QCN32
34"	INFBP134	INFBPN134	N/A	N/A
36"	INFBP136	INFBPN136	QC36	QCN36
38"	N/A	N/A	QC38	QCN38
40"	INFBP140	INFBPN140	N/A	N/A
42"	INFBP142	INFBPN142	QC42	QCN42
44"	INFBP144	INFBPN144	N/A	N/A
48"	INFBP148	INFBPN148	QC48	QCN48

For extra safety ask for inflatable plugs with attached tethers. Inflatable plugs have the capacity to deflate and fall into equipment. Tethers prevent this from happening.

Add TL- to the end of the part number for a tether loop option. Qwik fit plugs come with a tether loop.

Qwik fit plugs are much like bag plugs except they will hold up to 10 lbs of pressure in the pipe.

Make sure you identify this internal plug with an appropriate flagging device found in the Barrier Identification section.

Polyester cover protects the bladder and reinforces it in the case of accidental over-inflation.

Available in high temp materials.

## Bag Plugs Accessories

Part Number	Description
IAL/SM	6' Hose w/valve
IAL/LG	12' Hose w/valve
BCGAUGE	Gauge
VLV0205	Valve 2 - 5"
VLV0614	Valve 6 - 14"
VLV1526	Valve 15 - 26"
VLV2772	Valve 27 - 72"

## Expansion Plug Kit WTP001

- Kit includes nylon expansion plugs from 1/2" through 4" plus fittings and caps in a hard carrying case with custom foam inserts.



### Expansion Plugs

Nylon Solid Stem				Aluminum Expansion Plugs			
Part Number	Nominal Size	Size Unexpanded	Size Expanded	Part Number	Nominal Size	Size Unexpanded	Size Expanded
SS0.50	0.50"	0.490"	0.600"	AP01.50	1.50"	1.456"	1.889"
SS0.75	0.75"	0.740"	0.900"	AP02.00	2.00"	1.889"	2.440"
SS1.00	1.00"	0.975"	1.200"	AP02.50	2.50"	2.440"	2.775"
SS1.25	1.25"	1.225"	1.450"	AP03.00	3.00"	2.795"	3.425"
SS1.50	1.50"	1.480"	1.750"	AP03.50	3.50"	3.503"	3.700"
				AP04.00	4.00"	3.779"	4.133"
				AP04.50	4.50"	4.251"	4.724"
				AP05.00	5.00"	4.842"	5.393"
				AP06.00	6.00"	5.900"	6.550"
				AP07.00	7.00"	6.550"	7.300"
				AP08.00	8.00"	7.700"	8.550"
				AP09.00	9.00"	8.200"	9.100"
				AP10.00	10.00"	9.200"	10.250"
				AP11.00	11.00"	10.300"	11.200"
				AP12.00	12.00"	11.350"	12.450"
				AP14.00	14.00"	13.800"	15.100"
				AP15.00	15.00"	14.350"	15.800"
				AP16.00	16.00"	15.600"	17.000"
				AP18.00	18.00"	17.450"	19.250"
				AP20.00	20.00"	19.150"	20.650"
				AP21.00	21.00"	20.650"	22.100"
				AP24.00	24.00"	23.550"	25.500"
				AP27.00	27.00"	26.250"	27.700"
				AP30.00	30.00"	29.250"	31.000"
				AP32.00	32.00"	31.250"	32.000"
				AP36.00	36.00"	34.500"	36.800"

- Nylon Plugs:
- 20% lighter than metal
  - Shatter-proof
  - Easily cleanable
  - Corrosion resistant
  - Easy expansion

- Aluminum Plugs:
- 70% lighter than steel plugs
  - Durable cast aluminum
  - Easy expansion
  - Maintenance-free
  - Non corrosive
  - Special sizes available

These plugs are used when an airtight seal is required.

Silicone, Nitrile, and Viton seals available.



#### Did you know?

Add TL- to the end of the part number for a tether loop option.





## Flow Stoppers

- Uses:
  - Block plug
  - Water/air test plug
  - Leak locating back plug
- Grows shorter as it inflates—reduces plug stress
- Kevlar reinforced with nylon
- Can be floated down pipe and stopped at desired location



Part Number	Range Inches	Min.	Max.	Inflate Press. PSI	Back Press. PSI	Length Inches	Weight (lbs.)	Bypass Inches
MLS 1.5/2.8 (35/70)	1.4-2.8	1.3	2.8	45	34	8.3	N/A	N/A
MLS 02/04 (50/100)	2-4	1.8	4	45	34	7.9	N/A	
MLS 03/06 (70/150)	3-6	2.6	6	45	34	14.6	N/A	
MLS 04/08 (100/200)	4-8	3.5	8	45	19	21.65	N/A	
MLS 06/12 (150/300)	6-12	5.5	12	45	19	21.65	N/A	
MLS 08/16 (200/400)	8-16	7.3	16	45	19	25.6	N/A	
MLS 12/24 (300/600)	12-24	11.3	24	45	19	33.5	N/A	
MLS 15/30 (375/750)	15-30	14.2	30	45	19	39.4	N/A	
MLS 20/40 (500/1000)	20-40	19.1	40	45	14.5	45.3	N/A	
MLS 24/48 (600/1200)	24-48	23	48	45	14.5	51.2	N/A	

## Bypass

Part Number	Range Inches	Min.	Max.	Inflate Press. PSI	Back Press. PSI	Length Inches	Weight (lbs.)	Bypass Inches
FXBP 02/04 50/100	2-4	1.8	4	30	26	12.9	1/2 or 1	N/A
FXBP 03/06 70/150	3-6	2.6	6	30	26	15.75	1- 1/2	
FXBP 04/08 100/200	4-8	3.5	8	30	11	19.7	2	
FXBP 06/12 150/300	6-12	5.5	12	30	11.5	22.85	2	
FXBP 08/16 200/400	8-16	7.3	16	30	11.5	26.8	2	
FXBP 12/24 300/600	12-24	11.3	24	30	11.5	33.5	3	
FXBP 15/30 375/750	15-30	14.2	30	30	14.5	39.4	4	
FXBP 20/40 500/1000	20-40	19.1	40	30	14.5	47.5	4	
FXBP 24/48 600/1200	24-48	23	48	30	13	55.2	4	
FXBP 30/60	30-60	26	60	30	13	102.5	6	
FXBP 40/80	30-60	39.5	80	30	13	122	6	

## FME Drain Plug

- Removable
- Non-mechanical – just plug in drain
- Durable polyurethane



Part Number	Size
DP2	2" Dia. x 4.75" H
DP3	3" Dia. x 5" H

## Mushroom Vent Caps

- Commonly used by operations to cover open vertical pipe
- 316 S/S vent caps in either 1/2" or 3/4" and now available in 1" NPT
- Do not contain an internal screen and are not designed for overflow protection



Part Number	NPT	Material	Available in <span style="color: orange;">■</span> <span style="color: grey;">■</span> <span style="color: pink;">■</span>
TY20-SS	1/2"	Stainless steel	<p>25 piece minimum per size for color coating.</p> <p>Color coated caps are corrosion, chip, abrasion, chemical and impact resistant.</p> <p>Raw metal non S/S version contains a 30 mesh screen to prevent debris</p>
TY21-SS	3/4"	Stainless steel	
TY22-SS	1"	Stainless steel	
TY21	3/4"	Zinc plated cast iron	
TY22	1"	Zinc plated cast iron	
TY23	1-1/4"	Zinc plated cast iron	
TY24	1-1/2"	Zinc plated cast iron	
TY25	2"	Zinc plated cast iron	
TY27	3"	Zinc plated cast iron	

## Breather Vent Filters

- Low profile
- Sintered bronze filter
- 40 micron filtration
- Prevent dirt from entering single acting cylinders
- Use as air breathers on upper end of hydraulic cylinders



Part No.	NPT	Max cfm @100 psi	Height	Diameter	Max Pressure	Max Temp	Plating Type	<p>Easily inserts wherever vacuum relief pressure is required. Examples include:</p> <ul style="list-style-type: none"> <li>• Cylinders</li> <li>• Gear boxes</li> <li>• Storage tanks</li> </ul>
TYK11	1/2"	16.75	7/8"	7/8"	150	300° F	Nickel	
TYK12	3/4"	20.25	1"	1 1/16"	150	300° F	Nickel	
TYK13	1"	29.00	1 5/16"	1 5/16"	150	300° F	Nickel	
TYK14	1 1/4"	50.50	1 13/32"	1 11/16"	150	300° F	Nickel	
TYK15	1 1/2"	73.00	1 1/2"	2"	150	300° F	Nickel	
TYK16	2"	137.00	1 1/2"	2 3/8"	125	375° F	Zinc	

## Aluminum Vent Caps

- Labyrinth air path restricts direct entry of dirt and moisture
- Protected vent



Part Number	NPT	OAH (mm)
AV18	1/8	1.12 (28.45)
AV14	1/4	1.19 (30.23)
AV38	3/8	1.25 (31.75)
AV12	1/2	1.31 (33.27)
AV34	3/4	1.50 (38.10)



## Floor Covering Coverguard

- Durable, tear resistant
- Easy to clean
- Reusable
- Chemical resistant
- Waterproof
- Quick installation and removal
- Fire retardant polyethylene



Part Number	Description	Width	Length
CG 0636 TF	6 Mil FR- Blue Taffeta Flat	36"	450'
CG 0672 TF	6 Mil FR- Blue Taffeta Flat	72"	450'
CG 1036 DP	10 Mil FR-Blue Diamond Plate	36"	393'
CG 1072 DP	10 Mil FR-Blue Diamond Plate	72"	393'
CG 1336 DP	13 Mil FR- Blue Diamond Plate	36"	360'
CG 1372DP	13 Mil FR- Blue Diamond Plate	72"	360'
CG 2536 DP	25 Mil FR- Blue Diamond Plate	36"	180'
CG 2572 DP	25 Mil FR- Blue Diamond Plate	72"	180'
CG 4036 DP	40 Mil FR- Blue Diamond Plate	36"	120'
CG 4072 DP	40 Mil FR- Blue Diamond Plate	72"	120'
CG 2048 SF	20 Mil FR- Blue Smooth Flat	48"	100'
CG 303610 SF	30 Mil FR- Blue Smooth Flat	36"	100'
CG 0872 SC	8 Mil FR- White Scaffold	72"	330'
CG TP03 BU	Seam Tape- Blue 3"	3"	165'

CoverGuard floor covering is used when a surface must be protected against impacts, indentations, markings, chemicals, paints, sprays, dirt, dust, and debris.

## Confined Space Covers

- Identifies and barricades confined space entrance points
- Multiple sizes available
- Meets NFPA 701
- Adjustable to fit in between sizes
- Available in our patented vented design
- Custom prints available
- Call for custom sizes



Part Number	Description
CUSTOM	Confined Space Covers

## Round and Square FME Drain Covers

- Fast installation
- Hard tear-resistant top layer
- Withstands repeated use
- Flexible tacky bottom molds to uneven surfaces
- High visibility yellow
- Cleans easily
- Chemically resistant



ROUND DRAIN COVERS			
Drive-over Part Number	Walk-over Part Number	Size	Fits Drain
DC312-12	DC412-12	12" Dia.	Up to 6" Dia.
DC320-20	DC420-20	20" Dia.	Up to 14" Dia.
DC330-30	DC430-30	30" Dia.	Up to 24" Dia.
SQUARE DRAIN COVERS			
Drive-over Part Number	Walk-over Part Number	Size	Fits Drain
DC300-1818	DC400-1818	18" x 18"	12" x 12"
DC301-2424	DC401-2424	24" x 24"	18" x 18"
DC302-3030	DC402-3030	30" x 30"	24" x 24"
DC303-3636	DC403-3636	36" x 36"	30" x 30"
DC304-4242	DC404-4242	42" x 42"	36" x 36"
DC305-4848	DC405-4848	48" x 48"	42" x 42"
DC306-5454	DC406-5454	54" x 54"	48" x 48"

Make sure to allow at least 3" overlap on each side for ideal installation.

### Did you know?

EPRI guidelines consider floor drains and storm drains a part of normally open systems. The guidelines require that "suitable considerations" be made to prevent debris from entering normally open systems.

## Vinyl Magnetic Sheets

- Easily cut to any size
- Orange comes with black text
- Red and pink come with white text
- Used in:
  - Diesel generators
  - Manway openings
  - Breaker openings
  - Turbine maintenance and more
- Custom print available

### Did you know?

Small sections of sheet can also be used as signs



Part Number	Size	Available in <span style="color: orange;">■</span> <span style="color: red;">■</span> <span style="color: pink;">■</span>
MAGSHT2436	24" H X 36" L	When custom manufactured covers just aren't fast enough, these vinyl magnets provide an instant solution. Just cut and stick.
MAGSHT2436-RL	24" H X 25' L (Roll)	

## Fabric Material for Makeshift Barriers

1. Cut the material to the desired size
2. Use FME Duct Tape to attach the fabric to the component (also identifies it as an FME device)




Part Number	Material Type	Fabric Width	Color
MSH-RW	Mesh (Vented)	60"	Available in <span style="color: orange;">■</span> <span style="color: red;">■</span> <span style="color: pink;">■</span>
NYL-RW	200 Denier Nylon	60"	Available in <span style="color: orange;">■</span> <span style="color: red;">■</span> <span style="color: pink;">■</span> <span style="color: green;">■</span>



### HDPE Rigid Sheets and Large Flange Protectors

- HDPE flange protectors for flange sizes from 14" thru 24"
- 150 lb or 300 lb
- HDPE Sheets used for creating FME Barrier for those components where conventional devices aren't practical
- Protects the face of the flange
- Lighter than steel alternatives
- 0.375" thick
- Custom machined shapes available



Part Number	Size	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span>
150-1416	150 lb Flange Protector 14", 16"	<p>HDPE Sheets are a good replacement for plywood</p> 
150-1820	150 lb Flange Protector 18", 20"	
150-24	150 lb Flange Protector 24"	
300-141618	300 lb Flange Protector 14", 16", 18"	
300-2024	300 lb Flange Protector 20", 24"	
HDPE44	48" x 48" HDPE Sheets	

### Parts and Equipment Covering Tarps

- NFPA-701 fire retardant
- Water repellent
- High temperature tarps are available in custom sizes
- No metal grommets
- Reinforced button holes provide solution for strapping
- Quick and easy solution for covering irregular shaped components



Part Number	Description	Package Quantity	
TRP5-5	5'x5' Nylon Tarp	1	<p>FME Tarps are commonly used over grating to prevent items from falling through.</p>
TRP10-10	10'x10' Nylon Tarp	1	
TRP10-20	10'x20' Nylon Tarp	1	
TRP20-20	20'x20' Nylon Tarp	1	
ECO-TRP-5X5	5'x5' Economy Tarp	25	
ECO-TRP-10X10	10'x10' Economy Tarp	10	

### FME Printed Griffolyn

- Easily cleanable surface
- Puncture/tear resistant
- Anti-static
- Weather and contaminant resistant
- Internally reinforces polyethylene laminate
- Fire retardant (NFPA-701)



Part Number	Description	Color	
RFTX1200FR	50" x 100 Yards Printed Griffolyn	Available In <span style="color: orange;">■</span> <span style="color: red;">■</span> <span style="color: pink;">■</span>	<p>Use this to cover larger openings and for hand rail covers/barriers.</p> <p>When magnet sheets aren't suitable, Griffolyn provides a workable alternative.</p>

Handrail Barriers, Debris Netting and Lexan Sheeting (See Zone Creation Section)

## FM Approved and Certified Welding Fabrics

- ANSI/FM 4950 tested certified and rated
- Curtains, blanket, and pads provide for all hot work needs
- Easy application rating system



Product Number	Cont. Op. Temp.	Weight (oz. per sq. yd)	Performance Category	Thickness (inches)	Available Widths (inches)	Application Rating Key
SGL3200	500°F (260°C)	32	Curtain	.035"	36	05 Better
SGL1700	500°F (260°C)	17	Curtain	.016"	60	05 Better
SGL1400	500°F (260°C)	14	Curtain	.013"	38, 60	03 Good
GLN2025	225°F (107°C)	21	Curtain	.030"	40, 60, 72	06 Better
GLN2401	225°F (107°C)	26	Curtain	.055"	40, 60, 72	06 Better
SGLV6000-1	1000°F (540°C)	75	Pad	.115"	40, 60	10 Best
PGL2000	500°F (260°C)	20	Pad	.150"	40, 60	07 Best
GL2401 ORANGE	1000°F (540°C)	24	Curtain	.055"	40, 60, 72	02 Good
GL2025-9383	1000°F (540°C)	18	Curtain	.036"	40, 60, 72	02 Good
AS2400	1800°F (980°C)	24	Curtain	.040"	36	04 Better
AS1800G	1800°F (980°C)	18	Curtain	.026"	36	01 Good
AS1800F	1800°F (980°C)	18	Curtain	.030"	36	01 Good
AS3600F	1800°F (980°C)	36	Pad	.054"	36	08 Best
CAS4000	1800°F (980°C)	40	Pad	.090"	39	08 Best
GL1300 BLACK	1000°F (540°C)	13	Curtain	.016"	60	02 Good
SAS2400-1	1800°F (980°C)	29	Blanket	.047"	36	09 Best
CAS1200	1800°F (980°C)	12	Curtain	.028"	36	01 Good

## Garden Hose Caps and Plugs

- Swivel eye hook for easy installation
- Features a tether to prevent loss
- Convenient, metal-free cord lock easily attaches to hose
- Fits 3/4" Hose (both male and female)



Part Number	Description	Package Quantity
GH-34-FM	Garden Hose Threaded Cap	10
GH-34-ML	Garden Hose Threaded Plug	10

Make sure your hoses are kept free of material while in storage.

# Barrier Identification

Many times the barriers used to prevent foreign material become foreign material themselves. Small plastic plugs, internally installed devices, and other barriers are left in place after work is done and can cause equipment damage. The devices in this section reduce human error by making small or 'installed out of view' plugs obvious. Take human error out of the equation with these barrier identification supplies.

It is recommended that at a minimum any FME device that is installed inside a tube, pipe, or open component have extra identification. An even higher need for identification exists when a system can be reassembled without removing the FME device.





**Did you know?**

FME Exempt stickers are used on items where FME isn't a concern or debris would be obvious.



**FME Barrier and Exempt Stickers**

- Use on FME barriers/covers that aren't color themed or don't have FME labels.

Part Number	Description	Stickers/Roll	Indoor/Outdoor	Available in
ST23	2" x 3" "FME BARRIER"	250	Indoor	Orange, Red, Pink
ST35	3" x 5" "FME BARRIER"	250	Indoor	Orange, Red, Pink
ST23-1	2" x 3" "FME EXEMPT"	1000	Indoor	Orange, Red, Pink
ST23-2	2" x 3" "FME EXEMPT"	500	Indoor/Outdoor	Orange, Red, Pink

**Flagging Devices for Plugs with Clips**

- Prevents FME devices from being left in systems
- OSHA Compliant
- Alerts worker that an FME device is in use
- Printing on both sides with "FME DEVICE INSTALLED" and contact line:
- Dry-erase compatible
- Easy setup and storage (excess cord winds around device)
- Easily clips or cinches to the FME device



Part Number	Description	Dimensions	Rope Length	Available in
FLG-6X5	FME Flagging Device	6"x5"	15 feet	Orange, Red, Pink, Green

**Flagging Devices for Plastic Plugs**

- Identifies that there is a plug installed
- Models connect to center pull, side pull or machined plugs
- Stop sign models have matching rope and are OSHA compliant signs
- Pre-installation available or purchase separately



Part Number	Description	Connects to	Package Quantity	Available in
FME-TAIL	FME Hanging Ribbon	Center or Side Pull Tab	25	Orange, Red, Pink
FME-TAIL-SS	Stop Sign Tail	Machined Plug	1	Orange, Red, Pink
FME-TAIL-SS-IN	Installed Stop Sign Tail	Your Choice of Plug	1	Orange, Red, Pink

Hanging ribbons not available in Red.

Often called "tell-tails" or "Tattle-Tails" these flagging devices make it obvious that a plug is still installed.





# Zone Creation and Control

## Creating an FME Zone or FME Area

There are many occasions when creating manageable foreign material control areas is critical. FME zones or areas (FMEA and FMEZ) are set up to define these key areas where FME controls are in place. To effectively monitor such spaces, site personnel requires the support of products specially designed for zone management and control. (Examples include: monitor identification and inventory control supplies). Make sure to create, identify, and control your FME or dropped object zones effectively.

## What are you trying to create?

1. Border Creation Supplies (Creation)
  - a. Temporary
  - b. Permanent
  - c. Physical Barrier
2. Signage (Identification)
  - a. Hanging Signs
  - b. Dynamic
  - c. Fixed
3. Monitoring (Control)
  - a. Apparel
  - b. Inventory Control
    - ii. Stickers
    - iii. Shadowboxing Service

[See solutions >>](#)





## Drop Zone and FME Zone Barricade Tape

Part Number	Text	Box Quantity	Available in <span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: red;">■</span>
BT1K-FZ	"FME ZONE"	8	BT1K-S is orange with white stripes. Ask us about other text and color options.
BT1K-FBZ	"FME BUFFER ZONE"	8	
BT1K-FMA	"FME AREA"	8	
BT1K-S	"FME ZONE"	8	
BT1K-DROP	"DROP ZONE"	8	

## 15' Retractable Stanchions

- Portable - Great for temporary buffer zones
- 40" high and 27 lbs
- Standard text is "FME ZONE"
- Custom text available
- Steel base with ABS no scuff plastic
- Easily adjoins to the next stanchion



Part Number	Description	
TFI-321(Pole color)-(Ribbon Color)*	15' Stanchion	Please call for ribbon and pole color options.
Example: TFI-321RD-BK	15' Stanchion with red pole finish and black ribbon	

## 30' Retractable Stanchions

- Outdoor rated - heavy-duty
- E-Z Back braking system prevents backlash
- High impact polycarbonate
- Heavy gauge aluminum or steel
- Highly portable – easy roll wheels



Part Number	Finish	
PM412-30BA	Black Aluminum with Black Head	Append part number with ribbon color: BYD – Black and Yellow Diagonal CAU – CAUTION DO NOT ENTER
PM412-30YA	Yellow Aluminum with Yellow Head	
PM412-30PA	Polished Aluminum with Black Head	
PM412-30SA	Satin Aluminum with Black Head	
PM412-30SS	Satin S/S with Black Head and S/S Base	

## 65' Retractable Stanchions

- Swiveling dual belt housing allows extension in any direction
- Self-hooking belt ends can be attached to any fixed object
- Large wheels for easy transportation
- Heavy-duty design
- Red casing with safety yellow belts
- Dimensions: 39.5" x 23.25" x 21.75"
- 122lbs



Part Number	Description	
JTRK-65	Red Post, 65' Belt, Yellow Ribbon Retractable Stanchion	



### Cone Mounted Retractable Barrier

- 29'-6"L x 2"W belt (red and white or black and yellow)
- Removable top for light or sign attachment
- Lockable button
- Screw holes for permanent fixture
- Unique belt attaches to itself or another skipper
- Dimensions: 9.5" x 5.75" x 3.25" 1.76lbs



Part Number	Description	
SKIP	29.5 Ft. Cone Mounted Retractable Barrier	Skipper was designed to fit snugly on a wide variety of traffic cones, saving time, storage space and money. For more security, you can fix Skipper to a cone using two screws. Skipper requires 28" tall traffic cones to weigh at least 17 lbs.
CONE28	28" Traffic Cone*	
CONE36	36"Traffic Cone (Weighted)	
CONEWT7*	7 lb Weight	



### Plastic Chain Stanchions

Part Number	Text	Package Quantity	Available in <span style="color:orange">■</span> <span style="color:purple">■</span> <span style="color:red">■</span>
TFI3001	1-1/2" Chain Link	100	
TFI90212	C-Clips for attaching chain	1	
TFI30317	S-Hooks	25	
TFI30307	Master Link	25	
TFI30915	*Striped Stanchion 2.5" Dia.	6	
TFI96417	Orange Stanchion 2.5" Dia.	6	
TFI30964	Stanchion 2.5" Dia.	6	
TFI30999	Stanchion 3" Dia.	6	

### Debris Netting

- Make temporary openings safe from falling debris
- Fire retardant - NFPA-701
- High visibility fluorescent orange
- Flexible in cold conditions
- Lightweight and durable
- Easy setup and teardown
- Reusable



Part Number	Text	Color	
DN822005	4' x 150' with 1/4" Opening (Economy Grade)	Fl. Orange	
DN842020	4' x 150' with 1/8" x 3/16" Opening (Vinyl Coated)	Fl. Orange	
DN842025	5' 6" x 150' with 1/8" x 3/16" Opening	Fl. Orange	
DN842010	4' x 150' with 1/8" x 3/16" Opening	Black	

## Handrail Barriers

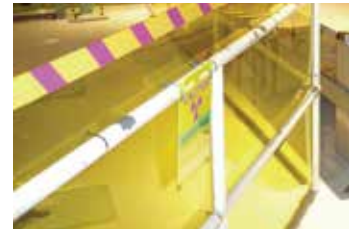
- Perfect for the spent fuel pit, RX cavity, or crane bays
- Adjustable to fit various heights and handrail diameters
- Segmented to specified length requirements
- Segmented sections can be adjoined with hook and loop
- Easy setup and tear down



Part Number	Description
Custom Part	Custom Part

## Tinted Lexan Sheeting

- Custom tint to just about any color
- LEXAN brand
- Extremely durable but easy to machine
- Replaces clear polycarbonates throughout the plant



Part Number	Description
LEX4896	LEXAN Sheeting
LEX-MR10	Fire Retardant LEXAN Sheeting

This sheeting is often used to create a permanent barrier around spent fuel pools.

## Floor Tape

- Identify zones by marking floors or handrails
- Resists abrasions, acids, alkalines, and oils
- Black text with colored background
- Glossy over-laminate for protection and finish
- PVC



Part Number	Description	Available in
FL-TP	3" X 36 YDS PRINTED (FME BUFFER ZONE) FLOOR TAPE	<span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: red;">■</span>

## Flat Signs

- Mounting holes for easy installation with rope or chain
- SIGN-FR:
  - Fire Retardant (NFPA 701)
  - OSHA Compliant
  - Lightweight, flexible, and easy to store
- SIGN and SIGN-MAG:
  - Text available in a variety of commonly used FME environments. FME Zone, contact info, FME Area. Call for details



Part Number	Description	Available in
SIGN-*	10" x 12" Non-Magnetic Sign	<span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: red;">■</span>
SIGN-MAG-*	10" x 12" Magnetic Sign	
SIGN-FR*	8.5" x 11" FME ZONE	
ROPE-1/4	1/4" Rope- 1000'/Roll	
TFI30317	S-Hooks for hanging signs (pkg.25)	

SGN8511 is orange only.  
Custom cuts and printing available. Call for details.

\*BAR (FME BARRIER), Z (FME ZONE), Z1 (FME ZONE 1), Z2 (FME ZONE 2)



## Insert Signs

- OSHA Compliant
- Flip-top for easy installation
- 4 pockets to change out inserts to match zone conditions
- Non-brittle front panel
- Inserts can be custom printed



Part Number	Description	Available in
ROPE-1/4	1/4" Rope- Orange, Green, Pink, Red-1000'/Roll	
FME-SGN-IN	FME Sign- 4 pockets Tinted Panel	
FME-SGN-IN-CLR	FME Sign- 4 pockets Clear Panel	
FME-INS-*	FME Sign Inserts-1.5" x 8"	
FME-INS-LG-1	FME Sign Insert 4" x 8" "FME"	

\*1 (FME ZONE 1), 2 (FME ZONE 2), 3 (FME BUFFER ZONE), 4 (FME MONITOR), 5 (SELF MONITOR), 6 (FME HIGH RISK), 7 (FME LOW RISK), 8 (CONTACT PRIOR TO ENTRY), 9 (Blank).

## Universal Sign Holders

- Mounts either landscape or portrait
- Hook and loop fastening for quick and easy installation and removal
- Adapts to paper, cardstock, metal, or plastic signs
- Custom sizes available



Part Number	Vest Sizes	Available in
SH8511	Universal Sign Holder 8.5" x 11"	
SH1014	Universal Sign Holder 10" x 14"	

## Magnetic Hooks

- Great for hanging signs
- Carabiner style for hanging heavy items to walls or securing tarps
- Knob versions to hold keys and lightweight items
- Preventing internal devices from becoming foreign material intrusions

### Did you know?

Magnet hooks can be used as an anchor point to attach internal plugs. Safety tethers are especially recommended for inflatable plugs because they have the ability to deflate and become foreign material.



Part Number	Description	Available in
MHHH9	Coated White Enamel Magnetic Hook 9lb Strength	
MHHH14	Coated White Enamel Magnetic Hook 14lb Strength	
MHHH20	Nickel Plated Magnetic Hook	
HMKR45	Magnetic Knob 16lb	
07587B	Magnetic Carabiner	
NA011200N	Magnetic Key Ring 1"	

## Tacky Mats

- 30 sheets per mat
- Control dust and debris at FME zone entrances



Part Number	Description	This item is commonly used with FME Buffer Zone Floor Tape as a method of identifying the FME area.
STKY-MAT-OR	24" x 36" Orange Tack Mat 4 Mats/Case	
STKY-MAT-OR	24" x 36" Blue Tack Mat 4 Mats/Case	
183634B	18" x 36" Blue Tack Mat 4 Mats/Case	

## FME Monitor Arm Bands

- A way to identify monitors
- One size fits all
- 4" width
- Hidden pocket for storage



Part Number	Description	Available in
RF-423	FME Monitor Arm Band 4" x 18"	<span style="color: orange;">■</span> <span style="color: pink;">■</span> <span style="color: red;">■</span> <span style="color: green;">■</span>

## FME Monitor Vests

- 2 location print (back and heart location)
- Lightweight for comfort in high temperature environments



Part Number	Vest Sizes	Chest Size	Available in
FME-VEST-R	Regular	39-43	<span style="color: orange;">■</span> <span style="color: green;">■</span>
FME-VEST-XL	XL	43-46	
FME-VEST-4X	4X	52-55	

## FME Monitor and FME Guy/Gal Decals

- A way to identify monitors
- Easy to install
- Fits anywhere on the hard hat



Part Number	Description	
DCL-MON-BLK	FME Monitor Decals-Black Text	
DCL-MON-WHT	FME Monitor Decals-White Text	
DCL-GUY	FME Guy™ Decals	
DCL-GAL	FME Gal Decals	



## FME Monitor Bags

- Great for taking FME monitor supplies to the monitor station
- Hold items such as eye glass retainers, lanyards, tethers, etc.
- Printed with “Think FME” logo
- Plastic zipper-pull



Part Number	Description	Available in
BACK-PK-TFME	FME Monitor Backpack	<span style="background-color: orange; width: 15px; height: 10px; display: inline-block;"></span> <span style="background-color: red; width: 15px; height: 10px; display: inline-block;"></span>
BACK-PK-TFME-KIT	Stocked Monitor Station Kit	<span style="background-color: orange; width: 15px; height: 10px; display: inline-block;"></span> <span style="background-color: red; width: 15px; height: 10px; display: inline-block;"></span>

## FME Monitor Kit

- Ideal kit for the FME desk
- Contains an array of products to assure proper tethering of tools on the fly
- Lightweight and portable



Part Number	Description	Available in
FMEM-KIT-1	FME Monitor Kit	<span style="background-color: orange; width: 15px; height: 10px; display: inline-block;"></span> <span style="background-color: red; width: 15px; height: 10px; display: inline-block;"></span>

## Inventory Labels

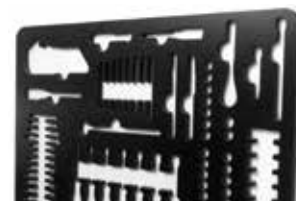
- Individually identify similar logged items
- Perforated labels
- Fits standard tape dispenser
- Each roll labeled from 1 to 500



Part Number	Description	Labels/Roll	Available in
ST-FME-INV	Article Control Inventory Labels	500	<span style="background-color: orange; width: 15px; height: 10px; display: inline-block;"></span> <span style="background-color: red; width: 15px; height: 10px; display: inline-block;"></span>

## Shadowboxing

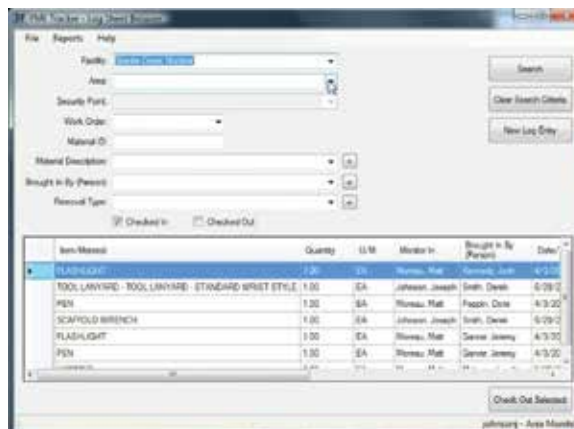
- Instantly identify missing tools
- Custom tailored to your current tool kit or available in the tethered tool kit
- No need to ship tools



Part Number	Description	Contact us for details on the service and process.
TRAY-**	Custom Outlined Tool Tray	<a href="#">Contact us for details on the service and process.</a>

## FME Tracker Electronic Accountability Log

- Keep the FME log electronically
- Gets rid of errors associated with handwriting
- Shortens time taken to log equipment
- Alerts
- Allows photographs to be attached to records
- Barcode and RFID capable
- Eases log entry sorting
- Decrease dose
- Block commonly restricted items
- 1/10th the cost of traditional enterprise systems
- Free trials available



Part Number	Description	Available in
FME-TRACKER	FME Tracker Electronic Logging System	<span style="background-color: orange; width: 15px; height: 10px; display: inline-block;"></span> <span style="background-color: red; width: 15px; height: 10px; display: inline-block;"></span>



# Awareness







## Dropped Objects Safety Posters

- Heighten awareness at your plant with banners/posters
- Alerts employees and fellow workers of drop hazard awareness
- Assist with creating the dropped object prevention culture at your site
- Helps keep drop hazards in the forefront of employees and contractors and stresses the importance of dropped object prevention
- Customization welcome



Part Number	Description
PSTR-DROPS-DOG	Eliminate Dropped Objects Dog Poster
PSTR-DROPS-SWCH	Safety Never Takes a Break Sandwich Lanyard Poster
PSTR-DROPS-MAN	3lb Tool 30ft Drop Equals 1 Man Down Poster
PSTR-DROPS-HUNTER	Drop Hazard Hunter Poster
PSTR-DROPS-SKULL	Falling Objects Kill Skull Poster
PSTR-DROPS-GRAVITY	Tool Lanyards Gravity's Worst Nightmare Poster
PSTR-DROPS-BRAIN	This is your Brain on Dropped Objects Poster

## Dropped Objects Safety Stickers

- Alerts employees and fellow workers of drop hazard awareness
- Assist with creating the dropped object prevention culture at your site
- Helps keep drop hazards in the forefront of employees and contractors and stresses the importance of dropped object prevention



Part Number	Description
ST2D-DROPS-FOOL	Dropped Objects Hard Hat Decal - Fool
ST2D-DROPS-GRVTY	Dropped Objects Hard Hat Decal - Gravity
ST2D-DROPS-MAN	Dropped Objects Hard Hat Decal - Man Down
ST2D-DROPS-SKULL	Dropped Objects Hard Hat Decal - Skull
ST2D-DROPS-TRGT	Dropped Objects Hard Hat Decal - Hit Here Target
ST2D-DROPS-STOPS	Dropped Objects Hard Hat Decal - Stops
ST2D-DROPS-DOG	Dropped Objects Hard Hat Decal - Dog

## Think FME™ Posters and Calendars

- Keep FME concepts fresh each month with the FME Calendar
- Each calendar month has a different FME topic promoting good FME work practices and asking thought provoking questions
- Each month is available as an 18"x24" poster
- Call for a full list and preview of available posters



Part Number	Description
FME-CALENDAR	Foreign Material Exclusion Calendar
PSTR-1101	Check Your Feet Poster
PSTR-1102	Proper Lanyards Poster
PSTR-1103	Internal Devices Little Plugs Poster
PSTR-1105	Use Approved FME Devices Poster
PSTR-1110	Messes Happen Poster
PSTR-1111	Retrieval Fly Poster
PSTR-1112	What If Dominoes Poster
PSTR-1113	Easily Breakable?
PSTR-1114	When Something Expensive Needs Protecting
PSTR-1115	Empty Your Pockets
PSTR-1116	Needle in the Haystack
PSTR-1117	FME Game

?

Did you know?

FME posters and signs elevate awareness of FME and can help to create a culture of prevention.



## Display Boards

- No assembly needed- just unfold and display
- Top quality, lightweight, and portable
- Decorative wooden frame with hinged panels
- Effective means of illustrating FME products
- Display at plant access, hallways, cafeterias, tool rooms etc.
- Impress employees, contractors, INPO or other governing bodies the importance of FME at your plant



Part Number	Description	Available in your sites color theme.
FME-DISPLAY	FME Product Display Case	
DROPS-DISPLAY	Dropped Object Product Display Case	

## Think FME™ Banners

- Heighten FME awareness at your plant
- Grommets every 2' for hanging
- Available in many colors
- 2 convenient sizes:
  - 4'x6' and 1'x7'
- Ask about customization



Part Number	Description	
BNR-1X7	1' X 7' FME Banner	
BNR-4X6	4' x 6' FME Banner	

## FME LCD Safety Alert Display

- Alerts workers of safety/FME Concerns
- Motion sensing monitor turns on when approached by workers
- Available with standard 15" (110V) Monitors (other sizes available)
- Upload your own presentation or use one of ours



Part Number	Description	
MONITOR-15-MTN	15" Monitor with Motion Display	

## FME Ready Worker Signs

- Promotes proper personnel FME checking
- Simple layout makes self-checking easy
- Great for posting at FME Zone entrances
- Available in hard copy or digital version
- Customization welcome



Part Number	Description	
FME-RDY-WRKR	FME Ready Worker Sign	

## Think FME™ Floor Mats

- Another way of promoting FME
- Placed in office areas, plant entrances, & more
- Mat is designed for high traffic, indoor or indoor/outdoor use
- Provides a slip-resistant surface which effectively removes tough dirt, grime and water from feet
- Easy to clean! Simply vacuum, steam clean, extraction clean or hose off
- Certified slip resistant by the National Floor Safety Institute
- Standard size is 3'x5'—other sizes available upon request



Part Number	Description
FLMT-3X5	Standard
FLMT-WH-3X5	Heavy-Duty

## Think FME™ T-Shirts

- Perfect for promoting FME culture
- Great as outage giveaways
- Wide variety of color options including common FME themed colors (orange, red, pink, and green)
- Personalize with your company logo or standalone text



Part Number	Description
T-ATM	Think FME™ Printed Tee
T-ATM-2	Think FME™ Printed Tee with Front Logo

## Think FME™ Stickers

- Promote FME Awareness
- Fits strategically around the workplace (doors, file cabinets, lunch room)
- Place on personal items:
  - Hard hats, clipboards, cell phones, laptops



Part Number	Description	Available in
ST35-TFME	3"x5" Think FME Stickers	<span style="color: orange;">■</span> <span style="color: red;">■</span> <span style="color: pink;">■</span> <span style="color: green;">■</span>
MAG-35-TFME	3" x 5" Think FME! Magnets	
ST-TWR	Think FME! Tower™ Stickers	
MAG-TWR	Think FME! Tower™ Magnets	

## Think FME™ Ball Caps

- Stylish, low-profile caps
- Front Panel: "Think FME™!" with atom
- Patented tether system (U.S. patent 6,446,265)
- Focus on prevention model features "FME BEGINS WITH ME" back text



Part Number	Description	Available in
CAP-TF	Atomic Think FME™ Cap	Available in black, black with red sandwich, tan, sea blue, burgundy with navy sandwich and, stone with navy sandwich. FOP model available in stone only.
CAP-TF-FOP	Atomic Think FME™ Cap with Focus on Prevention Brim	



### FME Guy/Gal Apparel

- Customizable (add your logo)

Part Number	Description
FME-CAP-GUY	FME Guy Ball Cap
FME-CAP-GAL	FME Gal Ball Cap
FME-CAP-FOP	FME Ball Cap with Focus on Prevention Brim
FME-CAP-CUSTOM	Custom Ball Cap Design



### Focus on Prevention Neck Lanyards

- Printed: FME-FOCUS ON PREVENTION
- A perfect solution to promote FME as giveaways during in-processing
- All lanyards come with a safety breakaway feature
- Colored text with black background
- All plastic- no metal components
- Rubber O-Ring with side release buckles



Part Number	Description	Available in
NL-PR-19-34W-OR	Orange Neck Lanyard-Break Away with FME FOP	
NL-PR-19-34W-PK	Pink Neck Lanyard-Break Away with FME FOP	



### Falling Objects Kill! Caps

- Stylish, low-profile caps
- Promotes the importance of dropped object prevention
- Drops Skull logo
- Caps available in black or camo
- Caps embroidered with Falling Objects Kill! along the bill
- Patented tether system (U.S. patent 6,446,265)



Part Number	Description
CAP-DROP-SKL-BK	Black Falling Objects Kill Hat
CAP-DROP-SKL-CAMO	Camo Falling Objects Kill Hat



### Falling Objects Kill! T-Shirts

- Promotes the importance of dropped object prevention
- Drops Skull logo
- Great as outage giveaways
- Available in S, M, L, XL, XXL sizes
- Personalize with your company logo or standalone text



Part Number	Description
T-DROP-SKULL	Black Falling Objects Kill T-Shirt



# Tinted Plastics

Visibility, organization and safety: all serious considerations for your FME program. In many cases, the need for a new product comes from problems related not only to awareness of a problem, but also to visibility. Clear plastics are forbidden in most Nuclear FME zones throughout the United States, but should be replaced in most other FME zones as well. Choose from our highly visible alternatives to clear plastics and benefit from a more organized, color theme and safety conscious FME program.



## Tinted Zip Lock Closure Bags

- Visible when submerged in water
- 4 mil heavy-duty virgin low density polyethylene
- Zip lock closure style
- Translucent (transparent with a tint)



Part Number	Size	Case Quantity	Available in <span style="color: orange;">■</span> <span style="color: red;">■</span>
PLY35	3" x 5"	5000	PLY46 and PLY66 are orange only.
PLY46*	4" x 6"	5000	
PLY48	4" x 8"	3000	
PLY66*	6" x 6"	1000	
PLY69	6" x 9"	2000	
PLY912	9" x 12"	1000	
PLY1215	12" x 15"	600	
PLY1318	13" x 18"	500	
PLY1322	13" x 22"	400	
PLY2424	24" x 24"	200	

## V-Pak™ Dosimetry Bags

- Eliminate the potential of the wire closure ties becoming FMI by using the V-Pak™
- Same principle and function as the Whirl-Pak® but without the wire closure
- Hook and loop will float if separated from the bag
- Easily attaches to the loop on protective clothing



Part Number	Size	Case Quantity	Style	
VP375-7	3.75" x 7"	1000	Dual Hook and Loop	
VP5-10-DV	5" x 10"	500	Dual Hook and Loop	

## Tinted Sleeving/Lay Flat Tubing

- Prevent expensive hoses and cables from contamination
- Use with a heat sealer for long-term storage of parts



Part Number	Size	Gauge	Length	Rolls/Case	Available in <span style="color: orange;">■</span>
SLV2-6	2	6 mil	500'	7	Other sizes and colors available. Call for details.
SLV4-6	4	6 mil	500'	4	
SLV6-6	6	6 mil	500'	2	
SLV8-6	8	6 mil	500'	1	
SLV10-4	10	4 mil	500'	2	
SLV10-6	10	6 mil	500'	1	
SLV24-6	24	6 mil	500'	1	
SLV36-6	36	6 mil	500'	1	



### Tinted Drum Liners\*

Part Number	Size	Gauge	Capacity (Gal.)	Bags/Roll or Box	Available in <span style="color: orange;">■</span>
GB13-18-4	13 x 18	4 mil	4	500	Custom colors and sizes available.
GB24-24-25	24 x 24	2.5 mil	10	420	
GB30-37-4	30 x 37	4 mil	20 - 30	140	
GB33-40-3	33 x 40	3 mil	33	150	
GB40-48-3	40 x 48	3 mil	40	105	
GB38-65-3	38 x 65	3 mil	55	80	
GB38-65-6	38 x 65	6 mil	55	40	

\*Minimums may apply



### Tinted Side Shields

Part Number	Molded Material	Tint	Fits Frames	Box Qty	
B-22 ( c )	Medical Grade Polymer	Clear ( c )*	S, M, L	10	SM5327 comes with 10 B27 (S,M) and 10 B53 (M,L) shields. CP-5226 comes with 10 B26 (S,M) and 10 B52 (M,L) shields.
B-22 ( l )	Medical Grade Polymer	Ice Blue ( i )	S, M, L	10	
B-22 ( a )	Medical Grade Polymer	Amber ( a )	S, M, L	10	
B-22 ( g )	Medical Grade Polymer	Smoke ( g )	S, M, L	10	
B-22 ( b )	Medical Grade Polymer	Ebony ( b )	S, M, L	10	
B26+	Polycarbonate (GE Lexan)	Crystal Clear*	S,M	20	
CP-5226	Polycarbonate (GE Lexan)	Crystal Clear*	S,M	20	
B52+	Polycarbonate (GE Lexan)	Glacial Clear*	M,L	20	
CP-5226	Polycarbonate (GE Lexan)	Glacial Clear*	M,L	20	
SM5327	Polycarbonate (GE Lexan)	G-2 Medium Sunglass	S,M,L	20	

\*Use clear plastic shields at your plant's discretion in FME zones. Glasses not included.



## Tinted PVC Tubing

- Shore A65
- Tinted orange
- Roll length: 50'
- Individually boxed



Part Number	ID	OD
TT18-14	1/8"	1/4"
TT316-516	3/16"	5/16"
TT14-38	1/4"	3/8"
TT14-12	1/4"	1/2"
TT38-12	3/8"	1/2"
TT38-58	3/8"	5/8"
TT12-34	1/2"	3/4"
TT12-34-3603-OR*	1/2"	3/4"
TT58-1316	5/8"	13/16"
TT34-1	3/4"	1"
TT1-114	1"	1-1/4"
TT1-112	1"	1-1/2"

\*TT12-34-3603-OR is Tygon brand tubing.

## Tinted Document Protectors

- Holds necessary paperwork for FME tasks (documents, procedures, manuals)
- Pre-punched holes for 3 ring binders
- 8 mil orange tinted
- Offset opening for easy insertion



Part Number	Description	Package Quantity
SP9-11	3 Hole 9-1/4" x 11- 7/16"	100
SP10-11	3 Hole 9-7/8" x 11- 3/8"	100
SP9-11-OPN	9-1/4" x 11- 3/4" Open 2 sides	100

## Tinted Stretch/Shrink Wrap

- Use for wrapping items going into and out of FME Areas
- Suitable replacement for warehouse shipping and receiving



Part Number	Description	Rolls/Case	Available in
SW1K-5-5-OP	5.5" x 1000', 3" Core, Opaque	12	■
SW1K-20-HB	20" x 1000' Ext. Core with Hand Brakes	4	■
SW1K-30-HB	30" x 1000' Ext. Core with Hand Brakes	4	■
SW1K-20-EXT*	20" x 1000' with Extended Core	4	■
SW1K-30-EXT*	30" x 1000' with Extended Core	4	■
SW1-5K-18*	18" x 1500' with 3" Core	4	■
SW20-6K-MCH	20" x 6,000' Machine Grade, 3" Core	1	■

\*Available in red or orange.

## Tinted Zip Lock Closure Document Protection

- Holds documents, procedures, manuals or other necessary paperwork
- Zip lock style closure
- Orange tinted
- Adhesive backing option for convenient positioning



Part Number	Backing	Mil	Size	Case Quantity
PLY1013-6	N/A	6	10" x 13"	500
DH1012-ADH	Adhesive	4	10" x 12"	500

## Tinted Tag and Card Holders

- Easy opening
- Tag (Caution, Danger, Work Order Tags) holder:
  - Hangs from equipment (eyelet for hanging)
  - 8 mil heavy-duty vinyl
- Card Holder (HUP, STAR, RWP Trip Cards):
  - Hangs from neck lanyard (pre-slotted badge clip adapter)



Part Number	Description	Package Quantity	Available in
TP1104-SP-ORG	Tag Protector (All Plastic) 3-9/16" x 7-5/8"	100	■
TP2131-SP-ORG	Tag Protector (Metal Eyelets) 3.5" x 7.38"	100	
TCH375-6	Tinted Card Holder: 3-3/4" x 6"	100	

## Expandable Document Folder

- Organizes drawings and work packages
- Expandable for thicker packages
- Hook and loop closure prevents contents from spilling
- 3 ring binder compatible
- Flexible and pliable



Part Number	Description	Package Quantity
DPH-FLP-8	Expandable Document Folder with 3 Ring Binder Holes	10

## Electrical Blanket Insulating Rolls

- Width 36 in., length 360 in.
- Replaces the conventional translucent blankets
- AC Max Use Voltage 1000V & 7500V
- Material fabric reinforced type ii synthetic rubber
- Color yellow (1000V) or orange (7500V)



Part Number	Description
RLB0	1000V Yellow Electrical Blanket Roll
RLB1	7500V Orange Electrical Blanket Roll



# Alternative Items to Reduce Foreign Material

Many items in FME work require special focus on potential FME concerns. Fastening devices may have small metal pieces, special tapes may be required, and wire abrasives can be a source of small metal debris. This section shows some of

the items that don't necessarily have their own category, but they are advantageous for FME use compared to their non-FME counterparts. These are specifically manufactured or made available with FME concerns in mind.

## Alternative Types

- Fastening Devices
  - Standard Floating Cable Ties
  - Natural Floating Cable Ties
  - Hook and Loop Fasteners
  - Tefzel Cable Ties
  - High Strength Cable Ties
- Duct Tapes
- Tools
  - Locking Ratchet Sets
- Abrasives
  - Discs
  - Low RPM Grinders
  - Scratch Brushes
  - High Filament Retention Brushes
- Floating
  - Face Shields
  - Flashlights
  - Binoculars
- Metal-Free Safety Glasses



## Nylon High Strength Floating Cable Ties

- No metal fastening barb
- Broken cable ties float to the water surface
- Low halogens and heavy metals
- Eliminates FOSAR for lost cable ties
- Keeps dose A.L.A.R.A.



Part Number	Max Bundle Diameter	Length	Tensile Strength in LBS	Color (Cable Tie)
S1PLT2I	2.00"	8.0"	40	Natural White
S1PLT2I-3	2.00"	8.0"	40	Orange
S1PLT2I-4	2.00"	8.0"	40	Yellow
S1PLT3I-4	3.00"	11.4"	40	Yellow
SM1PLT2S	1.88"	7.4"	50	Natural White
SM1PLT2.5S	2.50"	9.8"	50	Natural White
SM1PLT3S-3	3.00"	11.5"	50	Orange
SL2PLT4S	4.00"	14.5"	50	Natural White
SL2PLT4S-2	4.00"	14.5"	50	Red
SL2PLT4S-3	4.00"	14.5"	50	Orange
SL2PLT4S-4	4.00"	14.5"	50	Yellow
SL2PLT5S	5.00"	17.5"	50	Natural White
SL2PLT5S-3	5.00"	17.5"	50	Orange
L1PLT2H	2.00"	8.1"	120	Natural White
L1PLT2H-2	2.00"	8.1"	120	Red
L1PLT2H-4	2.00"	8.1"	120	Yellow
L1PLT4H	4.00"	14.5"	120	Natural White
L1PLT4H-2	4.00"	14.5"	120	Red
L1PLT4H-3	4.00"	14.5"	120	Orange
L1PLT4H-4	4.00"	14.5"	120	Yellow
L3PLT6LH	6.00"	21.9"	120	Natural White
L3PLT9LH	9.00"	30.5"	120	Natural White
TY-36-120-3-FL	11.00"	36.0"	120	Orange

Flotation Devices are also available separately for installation on your own ties.



### Did you know?

Industry trusted Panduit brand cable ties go into the manufacture of the high strength floating cable ties. Other brands available on request.

## Double Loop Cable Ties

- Used for securing a second parallel line without having to use another cable tie
- Useful in FME zones where clipping the excess tie can become foreign material. The unused portion can be reinserted into the second receptor eliminating the need for clipping the ends
- Can prevent eye injuries by redirecting the end away from work areas
- Can minimize hand injuries along with the reduction of ripped protective gloves by reducing sharp cut edges
- Floating options available



Part Number	Length	Tens. Strength	Max. Dia.	Pkg. Qty.
TY-7-50-3-DL-M	7.7"	50 lb	1.85/1.77	1000
TY-14-50-3-DL-M	14.65"	50 lb	3.94/3.82	1000

## Natural Floating Cable Ties

- Less dense plastic naturally floats
- Low halogens
- More economical than nylon floating cable ties
- No metal
- Water absorption: .04% ASTM D 570



Part Number	Avg. Tensile Strength	Length	Bundle Dia.	Pkg. Qty.	Color
TY-08-50-CPP-3	74	8.0"	1.75	1000	Orange
TY-08-50-CPP-4	74	8.0"	1.75	1000	Yellow
TY-08-HD-CPP-3	110	8.3"	2.00	250	Orange
TY-14-50-CPP-3	45	14.5"	4.00	500	Orange
TY-14-50-CPP-4	45	14.5"	4.00	500	Yellow
TY-14-STD-CPP-3	70	14.5"	4.00	500	Orange
TY-14-120-CPP-3	110	14.5"	4.00	500	Orange
TY-14-120-CPP-4	110	14.5"	4.00	500	Yellow
TY-30-XHD-CPP-3	250	30"	9.00"	50	Orange

## Tefzel Cable Ties



Part Number	Length
TY-4-18-TZ-M	4"
TY-7-50-TZ-M	7.4"
TY-11-50-TZ-M	11.6"
TY-14-50-TZ-M	14.6"
TY-14-120-TZ-C	14.6"

Resists Chemicals, Gamma Radiation, UV, Extreme Temperatures. ROHS Compliant. UL Flame Rating 94 V-0

## Hook and Loop Fasteners

- Reusable and durable
- Quick and easy installation
- Floating
- Will not pinch or abrade wires
- Replaces tape/minimizes waste
- Tapered end



Part Number	Wrap Style	Length	Width	Head Width	Max Bundle Diameter
CS2I	Cinch	8"	0.75"	1.1"	2.0"
CS4I	Cinch	14.5"	0.75"	1.1"	4.0"
CS5I	Cinch	18.0"	0.75"	1.1"	5.0"
CS8I	Cinch	25.0"	0.75"	1.1"	8.0"
CS4H	Cinch	14.5"	2.0"	2.4"	4.0"
OWS6-OR*	Wrap	6"	0.5"	0.75"	1.3"
OWS8-OR	Wrap	8"	0.5"	0.75"	1.9"
OWS14-5-OR	Wrap	14.5"	0.5"	0.75"	4.0"
OWS14-5X75-OR	Wrap	14.5"	0.75"	1.25"	4.0"
OWS24X75-OR	Wrap	24"	0.75"	1.25"	7.0"

### Did you know?

Cable straps are often used as a non-tape method of securing protective clothing at the ankles.

One wrap straps are often used to secure security badges.

## Metal-Free Safety Glasses

- No metal and anti-fog lense
- Meets ANSI Z87.1-2010 certified (SFTY-GLSFME-OR also meets CSA Z94.3)
- Lightweight and comfortable
- SFTY-GL-FME-CL has no removable parts



Part Number	Description
SFTY-GL-FME-CL	FME (No Metal) Safety Glasses
SFTY-GL-FME-OR	FME (No Metal) Safety Glasses Orange Temple

## Floating Face Shields

- Halogen free flotation device
- Inner visor portion is clearly identified as “Floating Face Shield”
- Ratchet and pin lock adjustment
- Meets ANSI Z87.1 (Hard hat version also meets ANSI Z89.1)
- Polycarbonate shield protects against aggressive processes such as cutting and grinding
- Hardhat style with no metal:
  - Meets ANSI Z89.1
  - No Metal
- Headgear style:
  - Limited metal (in the ratchet system)
  -



Part Number	Description
051211	Floating Face Shield with Clear Shield
051211A	Floating Face Shield with Clear Shield & Hard Hat (Hardhat Style with No Metal)

## Economy Floating Face Shields

- Full face shield with hook and loop band
- Packaged in tinted plastic zip locks
- Conforms to OSHA and the Centers for Disease Control recommendations and requirements for eye and face protection
- Anti-fog coating and film, optical grade
- 100% clarity
- Conspicuously identified as floating



Part Number	Description
072911	Economy Floating Face Shield

## Floating Flashlights

- Waterproof—protected from water damage and floats
- Shatter resistant lens
- Roll resistant head
- Comes with installed cinching lanyard for industrial use



Part Number	Description
FFL-K250	Floating Flashlight- shatter resistant lens

Must use carbon zinc batteries

## FME and Nuclear Grade Duct Tape

- NUC parts meet ASME NQA-1 and NRC 1.38  
Orange is not nuclear grade
- NUC-TP leaves little or no adhesive residue for up to six months after application
- FME printed tape is lined to allow taking minimal amounts into an FME zone

**Did you know?**  
Many sites prefer a specially color themed duct tape for FME use. Red is a good alternative to traditional silver.



Part Number	Description
NUC-TP	Non Printed Nuclear Grade Duct Tape (1.88" x 60 Yds.)
NUC-TP-FME	Red Printed FME Nuclear Grade Duct Tape (2" x 60 Yds.)
TP-FME-OR	Orange Printed FME Duct Tape (2" x 60 Yds.)

Hash marks every foot make it easier to track the amount of duct tape in use.

## Link Tools Ratchet Kits

- Locking ratchet attachment
- No release button on ratchet head
- Collar style mechanism prevents unintentional release



Part Number	Description
51041	Link Tools 41 Piece Socket Set, 1/2"
51042	Link Tools 42 Piece Socket Set, 1/2"
38041	Link Tools 41 Piece Socket Set, 3/8"
25041	Link Tools 41 Piece Socket Set, 1/4"
25042	Link Tools 42 Piece Socket Set, 1/4"
51007	Link Tools 7 Piece Ratchet and Bar Set, 1/2"
38007	Link Tools 7 Piece Ratchet and Bar Set, 3/8"
25007	Link Tools 7 Piece Ratchet and Bar Set, 1/4"
75007	Link Tools 7 Piece Ratchet and Bar Set, 3/4"
25018	Link Tools 18 Piece Socket Set, 1/4"

**Did you know?**  
These kits are the most popular options but many kit varieties are available. Call for details.

## Foot Scrubber

- Sized to effectively clean the biggest boots
- Durable weather-resistant powder-coat finish
- Five-year warranty on steel frame
- No assembly required – right from the box to your door
- Rubber stoppers protect floors and prevent slipping
- Replacement brushes available
- Bottom bristles made of stiff nylon to thoroughly clean soles removing the stickiest clay soil from even heavy treads
- Softer side bristles clean the upper shoe without damaging the leather
- Mountable or Portable – pick it up and use it anywhere



Part Number	Description
SC5U	Foot Scrubber



## Floating Binoculars

- Fog proof
- Objective lens 30mm
- Neck lanyard supplied
- Floating
- Available in yellow or black



Part Number	Description
FBNC10X30	Floating Binoculars, 10X mag.

## Floating, Tether-Ready, and Microfiber Rags

- 100% Cotton
- Adaptable to any tool lanyard
- Prevent dropped rags in Rx Cavi or SFP
- With or without printing
- Low Halogens



Part Number	Description	Package Quantity
HCK1525	15"x25" Orange Towel with Button Hole	50
HCK-FL-1525	15"x25" Orange Towel with Float	50
MFTB1616	16" x 16" Blue Terry	240
MFTG1616	16" x 16" Green Terry	240
MFTR1616	16" x 16" Red Terry	240
MFTY1616	16" x 16" Yellow Terry	240
MFTB1524	15" x 24" Blue Terry	240
MFTG1524	15" x 24" Green Terry	204
MFWB1624	16" x 24" Blue Waffle Weave	204
MFWB2436	24" x 36" Blue Waffle Weave	204
MFCW1624	16" x 24" Blue Special Weave	204
MFCW2436	24" x 36" Blue Special Weave	204
MFSB1616	16" x 16" Blue Suede	408

## Abrasive Tool Cabinet

- High quality portable rolling cabinet with locking wheels and heavy-duty individual locking drawers
- A full complement of abrasives including, tether-ready hand brushes, low rpm ceramic and nylon abrasive, and Certified HFR wire wheels and more
- Labeled bins and drawers
- Customizable



Part Number	Description
ATC-1	Abrasive Tool Cabinet





## Abrasive Tool Kit

- Portable kit used to bring directly to job locations
- Heavy-duty, 2 tier collapsible carrying case
- Lightweight (17 lbs) for transporting
- A limited but full complement of abrasives including tether-ready hand brushes, low rpm ceramic and nylon abrasives and certified HFR wire wheels. Just enough to get the job done



Part Number	Description
ATK-1	Abrasive Tool Kit



## Bristle Discs

Part Number	Size	Grade	Color	Trim (T=Tapered)	Max. Oper. Speed (RPM)	Discs/Box
818698-6	1"	50	Green	5/8"	30,000	20
818706-8	1"	80	Yellow	5/8"	30,000	20
818710-5	1"	120	White	5/8"	30,000	20
818730-3	2"	50	Green	5/8"T	25,000	10
818732-7	2"	80	Yellow	5/8"T	25,000	10
818733-4	2"	120	White	5/8"T	25,000	10
818734-1	3"	50	Green	5/8"T	15,000	10
818736-5	3"	80	Yellow	5/8"T	15,000	10
818737-2	3"	120	White	5/8"T	15,000	10
833054-9	4.5"	36	Brown	5/8"-11	12,000	10
824241-5	4.5"	50	Green	5/8"-11	12,000	10
824242-2	4.5"	80	Yellow	5/8"-11	12,000	10
824243-9	4.5"	120	White	5/8"-11	12,000	10
824537	4.5"	50	Green	m14-2	12,000	10
827685-4	7"	50	Green	7/8"	6,000	5

These fast running 1-inch, 2-inch, and 3-inch discs with a standard Roloc™ attachment efficiently clean or strip many substances from metal surfaces without damaging the work piece. An operator quickly and easily achieves a quality, consistent finish with light pressure.

Wire and metal abrasives are a common cause of arcing, turbine damage, and fuel failure. Non-metal abrasives reduce foreign material.

## Bristle Disc Accessories

Part Number	Description	Size	Comments	Qty/Box
845101-2	Disc Pad Holder	1/4-20 Int	1" Hardness-Med	5
845094-4	Disc Pad Holder	1/4-20 Int	2" Hardness-Med	5
845096-1	Disc Pad Holder	1/4-20 Int	2" Hardness-Hard	5
845092-3	Disc Pad Holder	1/4-20 Int	3" Hardness-Med	5
845091-6	Disc Pad Holder	1/4-20 Int	3" Hardness-Hard	5/8"T
845102-9	Shank	1/4/1/4-20 Ext.	Shank/1/4"-20 Ext.	5/8"T

## Low RPM Grinders

- Double insulation
- 4800 RPM
- Deadman switch
- Spindle lock
- Right angle:
  - 12.2 Amp
  - Tool-free guard adjustment
  - Spanner wrench included
  - 5/8-11 Spindle
- Die:
  - 7.5 Amp
  - Extended spindle
  - 1/4" collet
  - Side handle included



Part Number	Description
1060004	Low RPM Right Angle Grinder
1060006	Low RPM Die Grinder

Now 2 new grinders that are a perfect match for the low RPM abrasives being used as wire wheel replacements. With the use of these constant speed (4800 RPM) grinders, the abrasive wheels effectiveness is now maximized taking the guess work out of the hand of the end user.



## Ceramic Bristle and Flap Disc

Part Number	Description	Dia.	Max. RPM	Arbor Hole	Grit	Pkg. Qty
Bristle Disc						
931111	Bristle Disc	4"	4,800	5/8-11	120	5
931112	Bristle Disc	4"	4,800	5/8-11	80	5
931113	Bristle Bevel Brush	4"	4,800	5/8-11	80	1
986148	Bristle End Brush	1"	4,800	1/4" Stem	80	10
986159	Bristle Flared End Brush	1"	4,800	5/8-11	80	10
986160	Bristle Cup Brush	4"	4,800	5/8-11	80	1
986171	Conflex Bristle Brush	3"	4,800	1/4" Stem	120	10
986172	Conflex Bristle Brush	3"	4,800	1/4" Stem	80	10
Flap Discs						
950101	Ceramic Flap Disc	4"	13,000	7/8	40	10
950102	Ceramic Flap Disc	4"	13,000	7/8	60	10
950105	Ceramic Flap Disc	4"	13,000	5/8-11	40	10
950106	Ceramic Flap Disc	4"	13,000	5/8-11	60	10
950110	Ceramic Flap Disc	7"	8,600	7/8	60	10
950111	Ceramic Flap Disc	7"	8,600	7/8	80	10
950114	Ceramic Flap Disc	7"	8,600	5/8-11	60	10
950115	Ceramic Flap Disc	7"	8,600	7/8	80	10
950117	Ceramic Flap Disc*	4-1/2	13,000	7/8	40	10
950118	Ceramic Flap Disc*	4-1/2	13,000	7/8	60	10
950119	Ceramic Flap Disc*	4-1/2	13,000	7/8	80	10
950121	Ceramic Flap Disc*	4-1/2	13,000	5/8-11	40	10
950122	Ceramic Flap Disc*	4-1/2	13,000	5/8-11	60	10
950123	Ceramic Flap Disc*	4-1/2	13,000	5/8-11	80	10

### Ceramic Bristle:

Cold weld cleaning (surface temp. <140° F)

Integrity of bristles are more durable and will wear down before breaking

Spot facing drilled holes to remove burrs and raised edges

Aggressive filament is well suited for deburring materials such as inconel, stainless steel, and titanium

Ceramic filament cuts 400% faster than conventional filaments with silicon carbide grain

### Ceramic Flap:

Fast-cutting action on hard-to-grind metals such as stainless, inconel and titanium

Aggressive and Flexible even for 90 ° joints

\*Trimmable backing for even more flexibility and extended use

## Certified High Filament Retention Wire Wheels

- Meets the criteria for high filament retention as documented in EPRI report 1022273
- Only tool recommended for cleaning hot welds in FME zones
- Innovatively designed knot wire with qualified wire material
- Each wire strand is bonded within each knot
- Each lot is tested to assure certification compatibility



Part Number	Description	Trim	Max RPM	Arbor Hole
1113381	HFR Wire Wheel 4" Dia. Carbon Steel	7/8"	13,500	5/8-11 UNC
1113388	HFR Wire Wheel 4" Dia. Stainless Steel	7/8"	13,500	5/8-11 UNC



## Alternatives to Hand Wire Brushes

Part Number	Description	Dia.	Trim	Grit	Box Qty
NYB37-20	Nylon Bristle Brush 3x7 Rows, 7-3/16" Long (OAL)	.02"	7/16"	N/A	100
NYB414-40	Nylon Bristle Brush 4x19 Rows, 13-3/4" Long (OAL)	.04"	1"	N/A	12
56572	Abrasive Nylon Bristle Toothbrush Style	.025"	.5"	120	1
17630-80	Abrasive Nylon Bristle	.055"	1"	80	12
SC3526-80	Abrasive Nylon Bristle Brush 10" Long (OAL)	.05"	3/4"	80	12
995016	Ceramic Bristle Hand Brush 2x9 Rows, 8-3/4" Long	.026"	5/8"	120	36
944144	Ceramic Bristle Hand Brush, 10" Long	.055"	1"	80	12

Low halogen or halogen-free (documentation available on request)

Rugged and durable handles.

Perfect for rust, loose paint, threads and general surface conditioning.

Floating (except for 17630 model)

## Stub-Safe Weld Stub Buckets

- Bucket Style:
  - Tethered screw cap for easy disposal of rods
  - Top lid can be removed using the quick latch system for disposing waste at the end of shift
  - Painted with a clear coat for durability
  - Interior is coated with a rust inhibitor
  - Insulated bottom to prevent arcing
- Cone Style:
  - Tethered screw cap for easy disposal of rods and for emptying at the end of shift
  - Bucket will hold full size weld rods
  - Steel lined canister



Part Number	Description
WB5-3-IN	29 Gauge Steel Welding Bucket for Stubs
WBCN	Cone Style Welding Bucket for Stubs

Stub buckets help keep control of welding debris and can prevent housekeeping related foreign material.



## Argweld Purge System

Part Number	Description
MK IV	Purge Monitor
PB0002	2" Purge Bladder Assembly
PB0003	3" Purge Bladder Assembly
PB0004	4" Purge Bladder Assembly
PB0005	5" Purge Bladder Assembly
PB0006	6" Purge Bladder Assembly
PB0008	8" Purge Bladder Assembly
PSQ008	8" Quick Purge Bladder Assembly
PSQ010	10" Quick Purge Bladder Assembly
PSQ012	12" Quick Purge Bladder Assembly
PSQ014	14" Quick Purge Bladder Assembly
PSQ015	15" Quick Purge Bladder Assembly
PSQ016	16" Quick Purge Bladder Assembly
PSQ017	17" Quick Purge Bladder Assembly
PSQ018	18" Quick Purge Bladder Assembly
PSQ019	19" Quick Purge Bladder Assembly
PSQ020	20" Quick Purge Bladder Assembly
PSQ022	22" Quick Purge Bladder Assembly
PSQ024	24" Quick Purge Bladder Assembly
PSQ026	26" Quick Purge Bladder Assembly
PSQ028	28" Quick Purge Bladder Assembly
PSQ030	30" Quick Purge Bladder Assembly
PSQ036	36" Quick Purge Bladder Assembly
PSQ42	42" Quick Purge Bladder Assembly

Fast purge- typically purges a 36" line to below 0.1" oxygen within 10 minutes- smaller pipes correspondingly quicker.

Each systems is covered with a heat protective material on the inside to prevent damage to the device.

Reusable and reduces potential for foreign material.

Purge monitor is specifically designed to read most accurately at low O2 levels.

## Orange FME Coveralls

- No pockets, eliminates the possibility of dropped objects from external pockets
- Elasticized sleeves and ankles to keep items contained should they drop from an internal pocket
- Prewashed for comfort and proper sizing
- Labeled with the Think FME logo on the back
- Personalized custom logos available for the front.



Part Number	Description	Package Carton
CVRL-*-OR	Orange FME Coveralls	20

\*S (Small), M (Medium), L (Large), XL (Extra-Large), 2XL (2-Extra-Large), 3XL (3-Extra-Large), 4XL (4-Extra-Large)



# Inspection and Retrieval

Foreign Material Exclusion work puts a heavy focus on prevention. It's not a perfect process and at some point retrieval may be necessary. When something needs to be retrieved it's important to have some basic retrieval equipment readily available so the retrieval process is quick and efficient. The more common devices used for inspection and retrieval are found in this section.

## Categories

1. Manual Retrieval Tools
2. Inspection
3. Magnetic Grabbers
4. Non-magnetic Grabbers
5. Shatterproof Mirrors
6. Illuminated Tools
7. Kits

[See solutions >>](#)





### iShot® iGrab™ FOSAR Manual Retrieval Tool Kits, 6 Piece Set

- Kits are available in 15' or 25' lengths
- Flexible stainless steel construction
- 6mm Fork and Tine Tool
- 6mm Gripping Pliers Tool
- 6mm Cup Forcep Tool
- 6.35mm Magnet
- 10mm Viper Tool
- 4mm Snare Tool
- Plunger style handle controls opening and closing
- Kit includes storage/travel case



Part Number	Description
TYEM41287	15' Manual Retrieval Tool Kit, 6 Pc. Set
TYEM41288	25' Manual Retrieval Tool Kit, 6 Pc. Set

### iShot® iGrab™ Individual FOSAR Manual Retrieval Tools

Part Number	Description
TYEM90136	A. Alligator Tool, 10' Length, 3mm Diameter
TYEM16674	A. Alligator Tool, 20' Length, 3mm Diameter
TYEM90273	B. Snare Tool, 15' Length, 4mm Diameter
TYEM16673	B. Snare Tool, 25' Length, 4mm Diameter
TYEM10637	C. Cup Forcep Tool, 15' Length, 6mm Diameter
TYEM10638	C. Cup Forcep Tool, 25' Length, 6mm Diameter
TYEM10635	D. Gripping Plier, 15' Length, 6mm Diameter
TYEM10636	D. Gripping Plier, 25' Length, 6mm Diameter
TYEM10630	E. Fork and Tine, 15' Length, 6mm Diameter
TYEM90140	E. Fork and Tine, 25' Length, 6mm Diameter
TYEM10642	F. Magnet Tool, 15' Length, 6.35mm Diameter
TYEM90137	F. Magnet Tool, 25' Length, 6.35mm Diameter
TYEM90274	G. Viper Tool, 15' Length, 8mm Diameter
TYEM12634	G. Viper Tool, 25' Length, 8mm Diameter
TYEM10650	G. Viper Tool, 15' Length, 10mm Diameter
TYEM10651	G. Viper Tool, 25' Length, 10mm Diameter

### iShot® iGrab™ Electro-Mechanical 750 Retrieval Tool

- Retrieve foreign objects up to 100 feet away
- Includes four standard retrieval tools
- 300 series stainless steel body with 1/4 - 20 tapped hole for mounting
- 100 foot waterproof cable, RT body and jaw sets (control unit is not waterproof)
- 3/4 inch diameter, closed
- Exerting a closing force greater than 20 lbs. at 30 degrees



Part Number	Description
TYEM13987	RT750 includes Gripping Pliers Jaw set, Viper Jaw Set, Fork & Tine Jaw Set, Sampling Cup Jaw Set, Control Box, Push Pole Adapter, 100 ft of cable and storage case.
TYEM41261	5/16" Dia., 5-foot Push Pole with Quiver Kit - Medium Weight
TYEM10687	T-Style Handle for Push Poles
TYEM41258	100' Push Pole on Reel with Fold Up Stand - Lightweight

## Long Handled Zoom Motorized Tilt Pole Inspection System

- Motorized tilting mechanism, 320 degrees
- Submersible camera head, IP-67 rating - up to 1 meter
- 40x zoom ratio (10x optical, 4x digital)
- Variable intensity LED lighting reaching up to 25 feet
- Pole mounted LCD monitor and recorder
- Capture video or image stills
- Easy to use camera control pad on pole, splashproof
- Rugged Pole collapses to 5 feet
- Extend camera on telescoping pole up to 16 feet, 4 inches
- Completely mobile system, includes shipping case
- A perfect assistant when performing snubber or other remote inspections



Part Number	Description
EM14261	Motorized Tilt Pole Inspection System

## See Snake Micro Explorer

- Display: 3.5" color LCD (320x240 resolution)
- Image Capture: JPG images and AVI video
- Additional Ports: PAL/NTSC
- Image Controls: brightness, image rotation
- Lighting: 4 fully adjustable LEDs
- Camera Diameter: 0.7" (17mm)
- Cable Reach: 3' (expandable to 30' with optional extensions)
- Waterproof: camera and cable to 10' (when properly assembled)
- Power Source: 4x AA batteries



Part Number	Description
36738	Micro CA-100 Inspection Camera
931128	3' Cable Extension
931133	6' Cable Extension
37103	17 mm, Replacement Imager Head & Cable

Also available while supplies last: See Snake Micro. Contact us for more info.

## Inspection Kit

- Everything needed for basic inspection needs
- Includes: LYWSSOR, DRSMOR, MOL36RFVR, BNGEXTRPSSGOR, LNYHRDFMEOR, ERETRCHOR, PMG17845, PMG17830, 945046, ACMR17750, 0485-002



Part Number	Description
FME-INSP-RET-KIT	Inspection Retrieval Kit

## Illuminated Pick-Up Tools

- Ultra-bright LED Lights
- Extended reach
- Shatter-proof lenses
- Magnetic end



Part Number	Description
945044	7-1/2" to 22-3/8" Magnetic Telescoping Flashlight Pick Up Tool (5lb rim magnet strength)
945048	8" to 25" Flexible Lighted Pick Up Tool (Heavy-duty magnet on both ends)



## Lighted Pen Pick Up Tool and Replacement Packs

- Extended reach
- Magnetic end



Part Number	Description
945045	6-3/4" to 20-1/2" Lighted Pen Pick Up Tool (2lb magnet strength)
945046	22" Lighted Flex Claw Tool (4 claws)
945054	Battery Pack, Lighted Pick Up Tool Replacements
945055	Battery Pack, Lighted Pen Pick Up Tool Replacements
945065	Pen Refill 2 Pack, Pen Pick Up Tool Replacements

## Shatter-Proof Inspection Mirrors

- 180 degree swivel
- Flexible models have 360 degree rotation



Part Number	Description
FMR17615	Acrylic Mirror 1-3/4" x 2-1/2"- 23" Long Flexible
FMR17620	Acrylic Mirror 2-1/4" x 3-1/2"- 23" Long Flexible
FMR17625	Acrylic Mirror 3/4" x 2-1/2"- 23" Long Flexible
SSMR17150	S/S Mirror (2" x 3-3/4") Length: 6-3/4" to 28-1/2" Telescoping
ACMR17750	Acrylic Mirror (2.25" x 3.6") 7.75" to 35.5" Long Telescoping
ACMR17755	Acrylic Mirror (1-3/4" x 2-1/2") 6.5" to 27.5" Long Telescoping
ACMR17760	Acrylic Mirror (3/4" x 2-1/2") 6.5" to 27.5" Long Telescoping
ACMR17765	Large Acrylic Mirror (4" x 6") 8.5" to 37-1/2" Long Telescoping

Acrylic and S/S provide a shatterproof alternative to glass mirrors.

## Magnetic Pick-Up Tools



Part Number	Description
PMG17810	14 Lb Capacity- 7-1/2" to 32"- Non-swivel Head Telescoping
PMG17830	14 Lb Capacity- 7-1/4" to 33" – Swivel Head Telescoping
PMG17845	3 Lb. Capacity- 7-1/2" to 32" - Non-swivel Head Telescoping
FMG17605	3 Lb. Capacity, 23" Long Flexible
FMG17610	14 Lb. Capacity, 23" Long Flexible
PM17800	1.5 Lb. Magnet Capacity Pen Style 25-1/2" Extension
PMMR17805	3/4" x 2.5" mirror, 1.5 lb Magnet Capacity Pen Style 25-1/2" Extension
ACMR17765	Large Acrylic Mirror (4" x 6") 8.5" to 37-1/2" Long Telescoping

## Long Handle Tweezers

- Up to 24" in length
- Perfect for small bore tubing or in other hard to retrieve locations



Part Number	Description
TW-18	18" Pressure Sensitive Tweezer
TW-18-HE	18" Locking Tweezer
TW-24-HE	24" Locking Tweezer



## Suction Cup Retrieval Aid

- Suction cup end for added grabbing power
- Up to 12' length
- Self-locking option for easier retrieval
- Lightweight and durable
- Supplied with installed D-Ring Webbing attachment for tethering



Part Number	Description
RA-PS-6-32	32" Trigger Retrieval Aid
RA-PS-6-48	48" Trigger Retrieval Aid
RA-PF-6-60*	5 Foot Trigger Retrieval Aid
RA-PF-6-72*	6 Foot Trigger Retrieval Aid
RA-PF-6-96*	8 Foot Trigger Retrieval Aid
RA-PF-6-120*	10 Foot Trigger Retrieval Aid
RA-PF-1-144*	12 Foot Trigger Retrieval Aid

Supplied with tether attachment.

\*Folds for storage

## Shatter-Proof Mirror and Magnet Kits



TK17680



TK17705



TK17720



TK17730



TK17715



TK17690

Part Number	Description
TK17680	<b>2 pc. Set with non Swivel Magnet.</b> Inspection / Pick up kit includes: 14lb capacity non-swivel head magnet with stainless steel telescoping shaft and telescoping acrylic inspection mirror (1-3/4" x 2-1/2")
TK17705	<b>2 pc. Set with Swivel Head Magnet.</b> Inspection / Pick up kit includes: 14lb capacity swivel head magnet with stainless steel telescoping shaft and telescoping acrylic inspection mirror (1-3/4" x 2-1/2")
TK17720	<b>5 pc. Set.</b> Inspection / Pick up kit includes: 14lb capacity swivel head magnet with stainless steel telescoping shaft and telescoping acrylic inspection magnifier
TK17730	<b>7 pc. Set.</b> Inspection / Pick up kit includes: stainless steel telescoping shaft with brass quick change coupler, flexible shaft with brass quick change coupler, 2 acrylic inspection mirrors, inspection magnifier, 14 lb capacity magnet, and 3lb capacity magnet
TK17715	<b>6 pc. Set.</b> Illuminated Inspection / Pick up kit includes: Focusing krypton flashlight housed above a stainless steel telescoping shaft with brass quick change coupler, 2 acrylic inspection mirrors, inspection magnifier, 14 lb capacity magnet, and 3lb capacity magnet, and spare krypton bulb. Patented
TK17690	<b>9 pc. Set.</b> Illuminated Inspection / Pick up kit includes: Focusing krypton flashlight housed above a stainless steel telescoping shaft with brass quick change coupler, 3 acrylic inspection mirrors, inspection magnifier, 14 lb capacity magnet, and 3lb capacity magnet, 2 AA batteries and spare krypton bulb. Patented





# TY-FLÖT

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