**TYPE YS-A (CONTINUED)**

**HYLINK™**

**UNINSULATED ALUMINUM COMPRESSION SPLICE**

UL LISTED 90°C, 600 VOLT TO 35 KV

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**CATALOG NUMBER | CODE CONDUCTO | DIMENSIONS | DIELESS | INSTALLATION TOOLING ▲ | WIRE STRIP LENGTH**
--- | --- | --- | --- | --- | ---
YS26A1 | 2/0 str. | B | L | MECHANICAL HYTOOL | HYDRAULIC HYPRESS | COLOR CODE | DIE INDEX & EMBOSSEMENT ▲
YS27A1 | 3/0 str. | 1.18 | 2.61 | MY29-3 (2)-CRIMPS PER END | Y644M (1)-CRIMP PER END | OLIVE | 297 | 1-3/8"*
YS28A1 | 4/0 str. | 1.31 | 2.88 | | | RUBY | 467 | 1-1/2"*
YS29A1 | 250 kcmil | 1.40 | 3.06 | | | WHITE | 298 | 1-5/8"*
YS30A1 | 300 kcmil | 1.46 | 3.18 | | | RED | 324 | 1-5/8"*
YS31A1 | 350 kcmil | 1.47 | 3.20 | | | BLUE | 470 | 1-3/4"*
YS32A1 | 400 kcmil | 1.89 | 4.04 | | | BROWN | 299 | 2-1/8"*
YS33A1 | 500 kcmil | 2.30 | 4.66 | | | GREEN | 472 | 2-1/2"*
YS34A1 | 600 kcmil | 2.38 | 5.00 | | | PINK | 300 | 2-5/8"*
YS36A1 | 700/750 kcmil | 2.44 | 5.14 | | | BLACK | 473 | 2-7/8"*
YS39A1 | 700/750 kcmil | 2.50 | 5.26 | | | YELLOW | 936 | 2-7/8"*
YS39AM1 | 700/750 kcmil | 2.63 | 5.58 | | | RED | 301 | 2-7/8"*
YS44A1 | 1000 kcmil | 2.84 | 5.94 | | | BROWN | 302 | 3"*
YS45A1 | 1250 kcmil | 2.84 | 6.21 | | | | | *
YS46A1 | 1500 kcmil | 3.40 | 7.05 | | | | | *
YS47A1 | 1750 kcmil | 3.99 | 8.31 | | | | | *
YS48A1 | 2000 kcmil | 3.66 | 7.58 | | | | | *
YS483A1 | 2250 kcmil | 3.66 | 7.58 | | | | | *
YS483F1 | ALUMINUM ONLY | | | | | | | *

▲ See tooling section of this catalog for complete tool and die listings.

△ UL Listed for Aluminum only. Not CSA certified.

P-UADP-1 adapter not required.

The largest size for the Y35 is 400 kcmil.

**Y644M DIELESS HYPRESS™**

**RANGE-TAKING CAPABILITIES**

The following size HYDENT™ lugs and two way splices, when crimped with the Y644M DIELESS HYPRESS™ tool, produce the following range-taking capabilities:

<table>
<thead>
<tr>
<th>ALUMINUM CONNECTORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>**STANDARD WIRE SIZE</td>
</tr>
<tr>
<td>#6 AWG</td>
</tr>
<tr>
<td>#4 AWG</td>
</tr>
<tr>
<td>#2 AWG</td>
</tr>
<tr>
<td>#1 AWG</td>
</tr>
<tr>
<td>500 kcmil</td>
</tr>
<tr>
<td>600 kcmil</td>
</tr>
<tr>
<td>750 kcmil</td>
</tr>
<tr>
<td>800 kcmil</td>
</tr>
<tr>
<td>1000 kcmil</td>
</tr>
</tbody>
</table>
TYPE YS-A

HYLINK™

UNINSULATED ALUMINUM COMPRESSION SPLICE

UL LISTED 90°C, 600 VOLT TO 35 KV

Type YS-A is a high-conductivity aluminum tin-plated compression butt splice for use on all combinations of aluminum to aluminum, aluminum to copper, and copper to copper conductor combinations.

They are designed to accommodate conductors from #12 str. through 1,000 kcmil in standard and heavy duty applications. Prefilled with PENETROX™ oxide inhibiting compounds and assembled with color-coded end caps, the connectors provide a permanent trouble-free electrical splice with flexibility and low installed cost.

Features and Benefits

- Manufactured from high-conductivity wrought aluminum with heavy duty wall thickness.
- Provides high-conductivity/low resistance and ductility for an excellent combination of electrical and crimp forming properties.
- Electro-tin plated.
- Provides durable long lasting corrosion resistance.
- Internally bevelled barrel.
- Provides easy cable entry.
- Solid center stop and prefilled with PENETROX™ oxide inhibiting compound.
- Provides stop for proper conductor insertion and an aid in forcing the PENETROX™ between the individual wire strands.

- Color-coded end caps.
- Provides easy wire size and die code identification plus prevents foreign materials from entering and contaminating the connector prior to usage.
- Connector is clearly marked with wire size, die index and the proper number and location of crimps.
- Provides easy identification and tooling recommendation. Proper compression forms a homogeneous mass resulting in an excellent electrical connection.

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>CODE CONDUCTOR</th>
<th>B</th>
<th>L</th>
<th>MECHANICAL HYTOOL</th>
<th>HYDRAULIC HYPRESS</th>
<th>DIE NUMBER (# OF CRIMPS) PER END</th>
<th>COLOR CODE</th>
<th>DIE INDEX &amp; EMBOSSEMENT</th>
<th>WIRE STRIP LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>YS12AG1</td>
<td>#12 str.</td>
<td>.39</td>
<td>1.03</td>
<td></td>
<td></td>
<td>Ratchet: MR8-27 (1)-CRIMP</td>
<td></td>
<td></td>
<td>5/8&quot;</td>
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<tr>
<td>YS10WAG1†</td>
<td>#10 sol.</td>
<td>.44</td>
<td>1.12</td>
<td></td>
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<tr>
<td>Y58CA1</td>
<td>8 str.</td>
<td>.59</td>
<td>1.44</td>
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<tr>
<td>Y65CA1</td>
<td>6 str.</td>
<td>.72</td>
<td>1.70</td>
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<tr>
<td>Y54CA1</td>
<td>4 str.</td>
<td>.86</td>
<td>1.97</td>
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<td>MY29-3 (1)-CRIMP PER END</td>
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<tr>
<td>Y52CA1</td>
<td>2 str.</td>
<td>1.09</td>
<td>2.44</td>
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<td>Y644M (1)-CRIMP PER END</td>
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<tr>
<td>Y51CA1</td>
<td>1 str.</td>
<td>.90</td>
<td>2.05</td>
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<tr>
<td>Y52SA1</td>
<td>1/0 str.</td>
<td>1.06</td>
<td>2.37</td>
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</tbody>
</table>

• See tooling section of this catalog for complete tool and die listing.
• No color code assigned.
† UL Listed for Aluminum only. Not CSA Certified.
Use P-UADP-1 adaptor with "U" dies in Y46 HYPRESS™.
■ The largest size for the Y35 is 400 kcmil.
For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
• Also accommodates compressed and compact conductors. (Except for 700 kcmil in 750 kcmil barrel)