

TYPES YS-T, YSP-T

HYLINK™ High Voltage, Tapered Ends

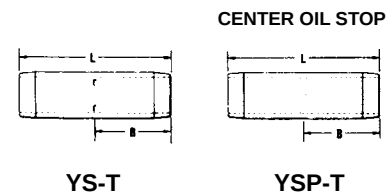
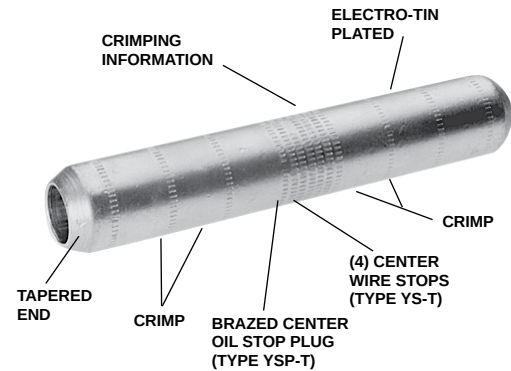
UL Listed 90° C, Up to 35 kV ♦



Types YS-T and YSP-T seamless high conductivity copper electro-tin plated compression HYLINK™ high voltage splices with standard barrel and tapered ends are ideally suited for higher voltage applications from 5 kV through 35 kV.

Features & Benefits

- Copper seamless barrel is designed with tapered ends per EEI Standard TD160, indicating use on voltages 5kV through 35kV; this aids in preventing corona emission and simplifies taping for lower installation cost
- Barrel also features an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damage of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Short/standard length barrel is recommended for installations with limited space requirements
- Type YS-T barrel has center stop indentations used to indicate when wire is fully inserted into each side of the barrel
- Type YSP-T barrel has a center plug permanently brazed in place; this plug prevents oil within oil filled conductor from passing through the splice connector and is also an indication when the wire is fully inserted into each side of the barrel
- Connectors are clearly marked with color coding to ensure proper die and installation tooling is selected
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire



Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Catalog Number		Code Conductors (B, C)	Dimensions		Installation Tooling- Nest/Indentor ▲					Wire Strip Length
					Y34B Y34PR Indentor	35, 750 Series, Y34PR Indentor Y35P3 Adaptor	35, 750, 46* Series Die Number (# of crimps per end)	Die Index ▲	No. of Indent	
YS-T	YSP-T		B	L	Nest Die	Nest Die				
YS6CT	—	6 AWG	0.90	2.16	B6CD	U6CD1	U5CRT (2)	7	1	15/16
YS4CT	YSP4CT	4 AWG	0.90	2.16	B4CD	U4CD1	U4CRT (2)	8	1	15/16
YS2CT	YSP2CT	2 AWG	0.98	2.34	B2CD	U2D1	U2CRT (2)	10	1	1
YS1CT	YSP1CT	1 AWG	0.97	2.31	B1CD	U1D1	U1CRT1 (2)	11	1	1
YS25T	YSP25T	1/0 AWG	0.98	2.35	B25D	U25D1	U25RT (2)	12	1	1-3/32
YS26T	YSP26T	2/0 AWG	1.04	2.47	B26D	U26D1	U26RT (2)	13	1	1-3/32
YS28T	YSP28T	4/0 AWG	1.13	2.67	B28D	U28D1	U28RT (2)	15	1	1-3/16
YS29T	YSP29T	250 kcmil	1.21	2.85	B29D	U29D1	U29RT (2)	16	1	1-3/32
YS30T	YSP30T	300 kcmil	1.22	2.87	B30D	U30D1	U30RT (4)	17	2	1-5/16
YS31T	YSP31T	350 kcmil	1.32	3.09	B31D	U31D1	U31RT (4)	18	2	1-3/5
YS34T	YSP34T	500 kcmil	1.68	3.86	No Die Needed	U34D1	U34RT (4)	20	2	1-3/4
YS39T	YSP39T	750 kcmil	2.00	4.60	—	—	U39RT (4)	24	2	2-1/8

* Use adapter PUADP1 with U Dies in 46 Series. 46 Series uses the same nest indentor and adapter as the 35 and 750 Series, but with the PUADP1 adapter.

** A 0.06 radius at each end is used for sizes 6-27.

■ The maximum size for the 35 Series is 400 kcmil.

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

♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.