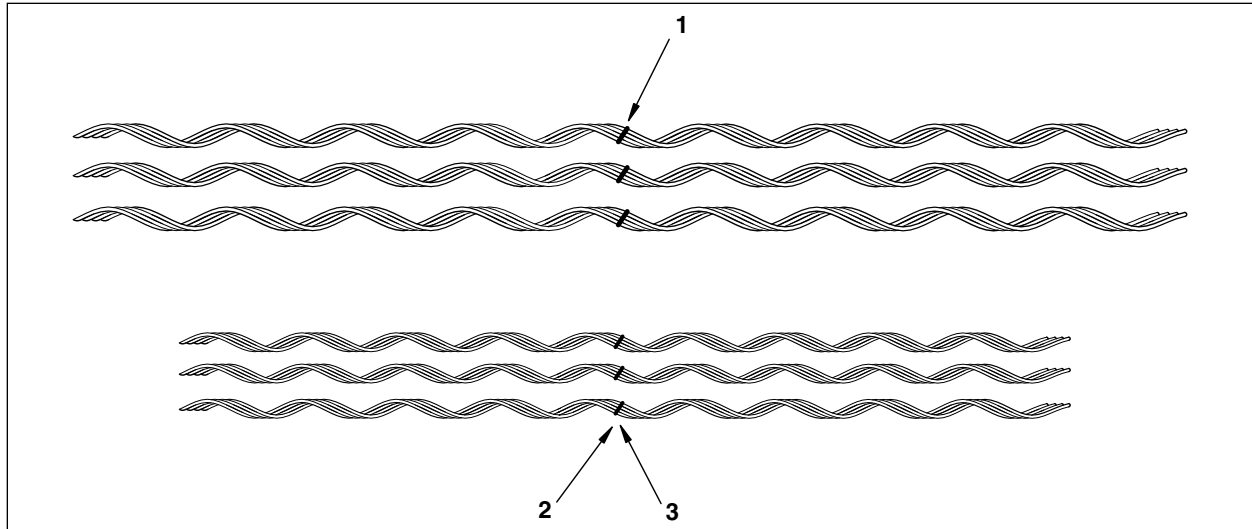


# THERMOLIGN® Splice

## NOMENCLATURE



1. Inner Rods, Multiple Subsets (Aluminum Alloy)
2. Outer Rods, Multiple Subsets (Aluminum Alloy)
3. Center Mark & Color Code

## GENERAL RECOMMENDATIONS

The THERMOLIGN Splice is intended for use on ACSS/AW and ACCR (not for use on conductors with trapezoidal outer strands). The design allows for continuous conductor operating temperatures up to 250°C.

THERMOLIGN Splices are intended for use on ACSS/AW and ACCR conductors only. For ACSS/TW, THERMOLIGN Splices are approved for use on General Cable and Southwire® conductors only. For 3M ACCR/TW and Southwire C7/TW conductors, please contact PLP for details.

## GENERAL SPECIFICATIONS

**Holding strength:** 95% or more of the conductor rated breaking strength (RBS).

## FEATURES AND BENEFITS

- No compression press and dies required – installation time is minimal
- Simple two layer design – no need to separately expose and splice core

Thermal Rating (Continuous)  
250°C



# THERMOLIGN® Splice

**For use on:  
ACSS/AW, ACSS/TW\* and ACCR\*\* (Round Wire)**



Catalog Number	Diameter Range		Nominal Cond. (kcmil)	Length Inches		Color Code
	Min.	Max.		Inner Rods	Outer Rods	
TLSP-0100	0.720" (18.3mm)	0.720" (18.3mm)	336.4	118	108	Blue
TLSP-0101	0.741" (18.8mm)	0.752" (19.1mm)	336.4, 397.5	119	109	Brown
TLSP-0102	0.772" (19.6mm)	0.783" (19.3mm)	397.5	121	111	Pink
TLSP-0103	0.806" (20.5mm)	0.823" (20.9mm)	397.5, 477	124	114	Green
TLSP-0104	0.846" (21.5mm)	0.860" (21.8mm)	477	131	121	Red
TLSP-0105	0.883" (22.4mm)	0.900" (22.9mm)	477	133	123	Purple
TLSP-0106	0.901" (22.9mm)	0.914" (23.2mm)	556.5	135	125	Yellow
TLSP-0107	0.927" (23.5mm)	0.930" (23.6mm)	556.5	136	126	Orange
TLSP-0108	0.953" (24.2mm)	0.962" (24.4mm)	556.5, 605	146	136	Black
TLSP-0109	0.963" (24.5mm)	0.977" (24.8mm)	605, 636	147	137	Blue
TLSP-0110	0.990" (25.1mm)	0.994" (25.2mm)	605, 636	149	139	Brown
TLSP-0111	1.000" (25.4mm)	1.019" (25.9mm)	636, 666	151	141	Pink
TLSP-0112	1.036" (26.3mm)	1.063" (27.0mm)	715.5, 795	152	142	Green
TLSP-0113	1.081" (27.4mm)	1.092" (27.7mm)	715.5, 795	154	144	Red
TLSP-0114	1.108" (28.1mm)	1.140" (29.0mm)	795	159	149	Black
TLSP-0115	1.162" (29.5mm)	1.175" (29.8mm)	954	162	152	Purple
TLSP-0116	1.196" (30.4mm)	1.212" (30.8mm)	954, 1033.5	163	153	Yellow
TLSP-0117	1.240" (31.5mm)	1.259" (32.0mm)	1033.5, 1113	165	155	Orange
TLSP-0118	1.290" (32.8mm)	1.302" (33.1mm)	1113, 1192.5	171	161	Black
TLSP-0119	1.338" (34.0mm)	1.345" (34.2mm)	1192.5, 1272	174	164	Blue
TLSP-0120	1.380" (35.1mm)	1.386" (35.2mm)	1272, 1351.5	177	167	Red
TLSP-0121	1.420" (36.1mm)	1.427" (36.2mm)	1351.5, 1431	181	171	Purple
TLSP-0122	1.465" (37.2mm)	1.466" (37.2mm)	1431	183	173	Yellow
TLSP-0123	1.492" (37.9mm)	1.505" (38.2mm)	1510.5, 1590	185	175	Orange
TLSP-0124	1.540" (39.1mm)	1.544" (39.2mm)	1590	188	178	Green

\* For ACSS/TW, THERMOLIGN Splices are approved for use on General Cable and Southwire® conductors only.

\*\* For 3M ACCR/TW and Southwire C7/TW conductors, please contact PLP for details.