



TECHNICAL INSTRUCTIONS LOW VOLTAGE SPLICE KIT

KIT CONTENT

- 1 cable jacket sealing pad (see reference chart below).
 - 6 sealing pads for phase insulation.
 - 1 sand paper strip.
 - 1 roll of Plymouth PVC tape.
 - 1 technical instructions manual for assembly.
- Connectors not included

DEMO VIDEO

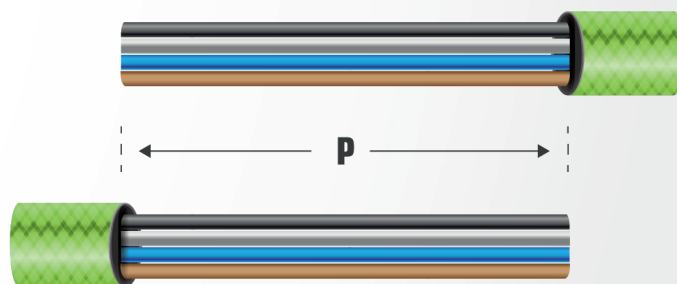


REFERENCE CHART

KIT	OUTER DIAMETER	CABLE CROSS SECTIONS						PADS SIZES		
	Cable Sheath	Single core	2 cores	3 cores	4 cores	5 cores		Outer (LxW)	Inner (LxW)	
PLYWRAP S	6 - 14 mm 0.24" - 0.55"	1x1,5 - 1x25 #15 - #2	2x1,5 - 2x6 #15 - #7	3x1,5 - 3x4 #15 - #10	4x1,5 - 4x4 #15 - #11	5x1,5 - 5x4 #15 - #11	mm ² AWG/KCMIL	300 x 100 11.81" x 3.94"	50 x 40 1.97" x 1.57"	mm inches
PLYWRAP M	12 - 21 mm 0.47" - 0.83"	1x25 - 1x95 #2 - 250mcm	2x6 - 2x25 #9 - #3	3x4 - 3x16 #11 - #3	4x2,5 - 4x16 #13 - #5	5x2,5 - 5x10 #13 - #7	mm ² AWG/KCMIL	350 x 100 13.78" x 3.94"	50 x 40 1.97" x 1.57"	mm inches
PLYWRAP L	19 - 29 mm 0.75" - 1.14"	1x95 - 1x240 3/0 - 600mcm	2x25 - 2x50 #3 - 1/0	3x25 - 3x50 #5 - 1/0	4x16 - 4x35 #7 - #1	5x10 - 5x25 #8 - #2	mm ² AWG/KCMIL	400 x 150 15.75" x 5.91"	70 x 60 2.76" x 2.36"	mm inches
PLYWRAP XL	28 - 36 mm 1.10" - 1.42"	1x240 - 1x400 500 - 1000mcm	2x50 - 2x95 1/0 - 2/0	3x50 - 3x95 1/0 - 2/0	4x35 - 4x70 #1 - 2/0	5x25 - 5x50 #3 - 1/0	mm ² AWG/KCMIL	500 x 200 19.69" x 7.87"	70 x 60 2.76" x 2.36"	mm inches

- 1 Strip the outer jacket of the cable to be spliced according to CHART 1.**

KIT	LENGTH TO STRIP OUTER JACKET	LENGTH TO SAND JACKET EDGES	
	P	R (Step 6)	
PLYWRAP S	220 8.60"	40 1.60"	mm inches
PLYWRAP M	250 9.75"	50 2.00"	mm inches
PLYWRAP L	300 10.80"	60 2.40"	mm inches
PLYWRAP XL	380 15.00"	70 2.75"	mm inches



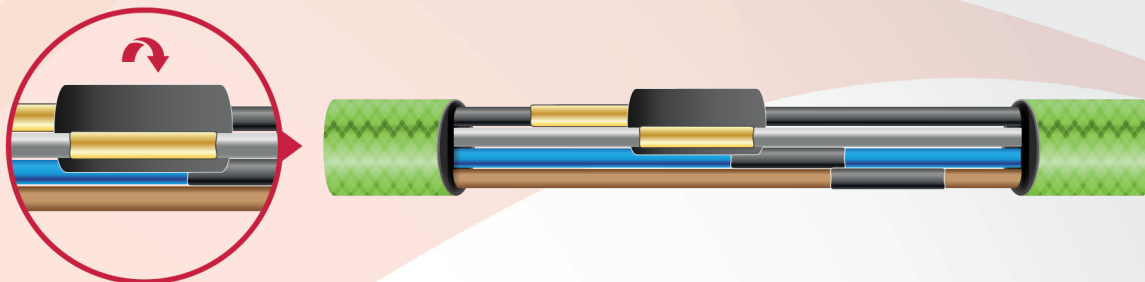
- 2 Cut each phase leaving a distance in between them equivalent to the length of the smaller pad. This is to ensure that each one gets perfectly sealed independently and not to increase the cable diameter once the splice is finished.**

- 3 Strip the ends in an equivalent length to the half length "L" of the connector.**

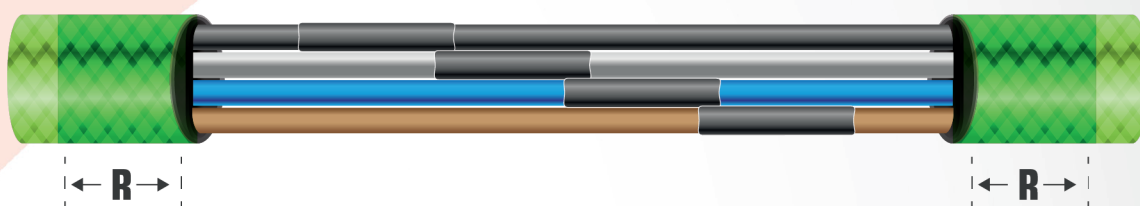


- 4 Crimp the connectors with the appropriate tool.**

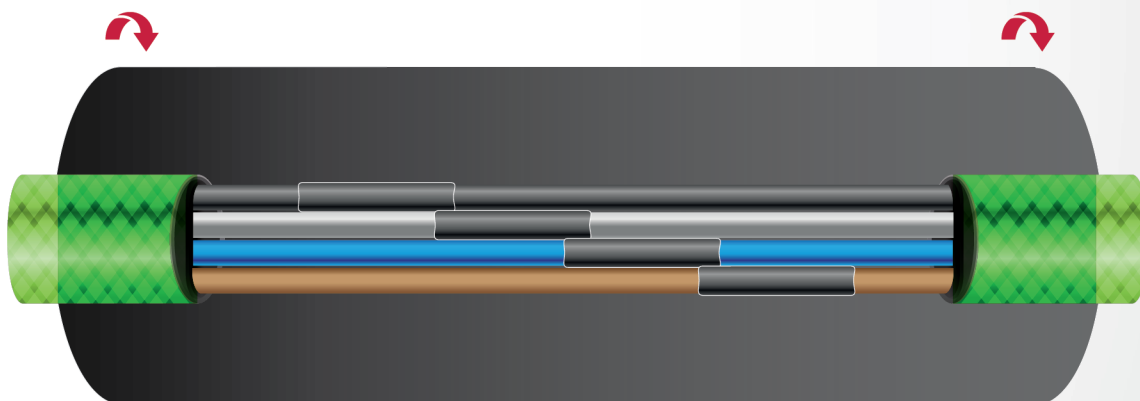
- 5** Place and wrap the inner sealing pads over each connector, squeezing from the center of the pad to the ends to avoid air pockets.



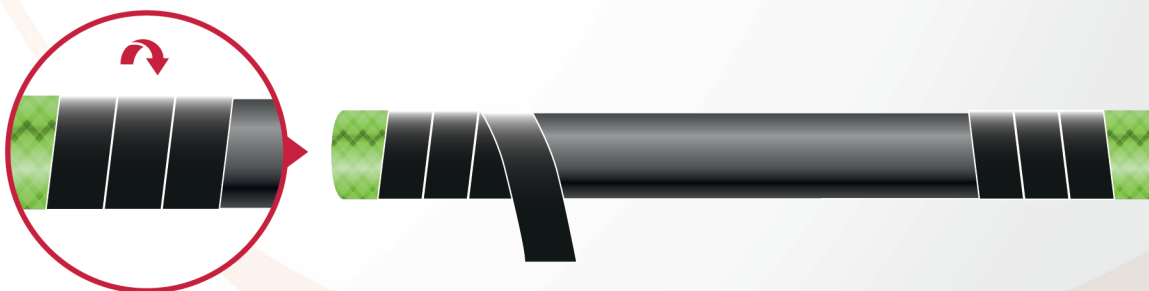
- 6** Sand the edges of the cable jacket according to distance "R" as specified in CHART 1.



- 7** Place the large sealing pad centered and covering the splice as well as both cable edges.
8 Wrap the outer pad, squeezing from the center to the ends until the splice is completely sealed.



- 9** Tape both ends of the splice with two layers of the Plymouth PVC tape included in this kit.



- 10** The cable is ready for operation.

TIP For extra protection in very aggressive environments, the whole splice can be covered with an extra layer of the Plymouth PVC tape included in this kit