1000V - ACWU SPLICE KIT INSTRUCTIONS

(FOR #1 TO 300mcm, AND 350mcm TO 1000mcm)

CABLE RANGE

	Cond Size		Over Ground	Over Phase	Over Inr. Jacket	Over Out Jacket
			Dimensions in Inches			
CS1-300-1	**#1 to 300**	Min		0.6	0.82	0.95
		Max		0.91	1.13	1.3
CS350-1000-1	**350 to 1000**	Min		1.05	1.18	1.35
		Max		1.53	1.71	1.88

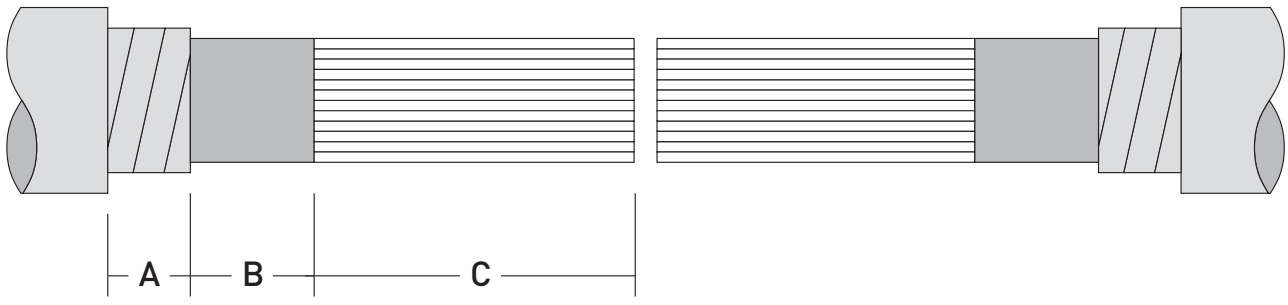
EACH KIT CONTAINS

1	Phase Wire insulating sleeve
1	Inner Jacket Insulating Sleeve
1	Outer Jacket Insulating Sleeve
1	Stick Red Mastic
2	Spring Ground Clamps
2	Rolls Ground Braid
1	Roll of Tinned Copper Mesh

INSTRUCTIONS

1).
- Remove outer coverings , overlap Cable Ends ends, and cut ends square
- Cut back insulations, etc to dimensions shown below.
- Install tubing on Conductor.

	MAX CON LENGTH	DIM 'A'	DIM 'B'	DIM 'C'	INNER JACKET	OUTER JACKET
CS -1-300	5"	1 1/2"	1 1/2"	3"	13"	18"
CS-350-1000	7"	2"	1 1/2"	3"	13"	18"



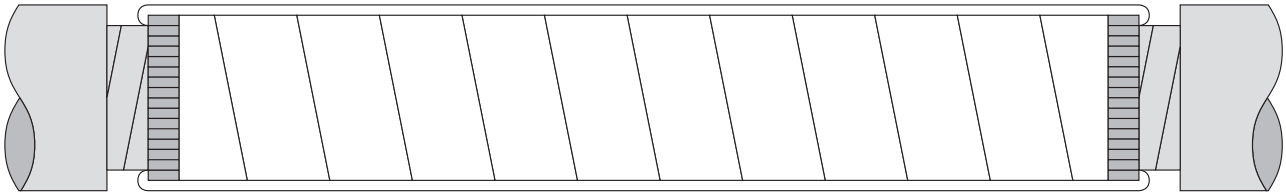
SPLICE IS FABRICATED INCORPORATING UCL 486D (FILE E91151) PRODUCTS. MEETS ANSIC119-1 STANDARDS

2). • Crimp Connector using appropriate Tool and wrap with Mastic to cover any sharp edges.

3). • Place the inner jacket sleeve over the splice and onto the two exposed inner jacket ends
• Shrink the sleeve down until tight

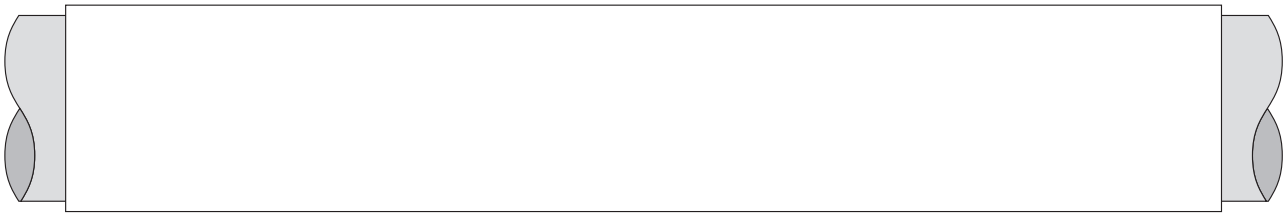
4). • Spiral wrap copper mesh, starting at one end of the armour overlapping and tightly wrapping around splice, secure to armour both ends with spring clamps.

5). • Unwrap spring clamp 4 wraps and place one end of ground braids facing away from splice and rewrap spring clamp twice.
• Fold back braids across splice and wrap with clamp. Continue to other end of splice and repeat process.
• Ground Braids should be on opposite sides of splice.



BRAID AND MESH CLAMPS

6). • Clean outer jacket on both sides and center sleeve over splice and shrink down until smooth and adhesive flows out either end



CENTRE OUTER JACKET AND SHRINK DOWN

7). • Splice is now complete, and when cool, can be tested before putting into service