



























## 3M™ SCOTCHLOK™ CONNECTORS AND TOOLS SPECIFICATION CHART

Connector	Type Connector	Special Features	Maximum Insulation O.D.		PIC-unfilled and PIC-filled		Pulp or Paper	
			Metric (mm)	Inches	AWG	Metric (mm)	AWG	Metric (mm)
<b>UR2</b> 		Gel-filled UL Listed Polypropylene	2.08	0.082	19-26	0.9-0.4	N/A	N/A
<b>UR2-D</b> 		Dry Polypropylene	2.08	0.082	19-26	0.9-0.4	19-26	0.9-0.4
<b>UR</b> 		Gel-filled UL Listed Polycarbonate	1.52	0.060	19-26	0.9-0.4	N/A	N/A
<b>UY2</b> 		Gel-filled UL Listed Polypropylene	2.08	0.082	19-26	0.9-0.4	N/A	N/A
<b>UY2-D</b> 		Dry Polypropylene	2.08	0.082	19-26	0.9-0.4	19-26	0.9-0.4
<b>UY</b> 		Gel-filled UL Listed Polycarbonate	1.52	0.060	22-26	0.7-0.4	N/A	N/A
<b>*557TG2</b> 		Gel-filled Flame Retardant Polypropylene	3.0	0.12	16-22	1.3-0.6	N/A	N/A
<b>UYF</b> 		Gel-filled UL Listed Polycarbonate	1.52	0.060	20-26	0.8-0.4	N/A	N/A
<b>UP2</b> 		Dry Flame Retardant UL Listed Polycarbonate	1.52	0.060	22-26	0.7-0.4	22-26	0.7-0.4
<b>UP3</b> 		Dry Flame Retardant UL Listed Polycarbonate	1.52	0.060	19-26	0.9-0.4	19-26	0.9-0.4
<b>UAL</b> 		Gel-filled For Aluminum Polycarbonate	2.08	0.082	17-20 AL 19-24 CU	1.2-0.8 AL 0.9-0.5 CU	N/A	N/A
<b>211</b> 		Gel-filled UL Listed Polypropylene	2.08	0.082	19-26	0.9-0.4	N/A	N/A

Butt Splicing

\*Inline and drop wire connectors can only be used with E-9BM tool.

Connector	Type Connector	Special Features	Maximum Insulation O.D.		PIC-unfilled and PIC-filled		Pulp or paper	
			Metric (mm)	Inches	AWG	Metric (mm)	AWG	Metric (mm)
<b>UB2A</b> 		Gel-filled UL Listed Polypropylene	2.08	0.082	19-26	0.9-0.4	N/A	N/A
<b>UB2A-D</b> 		Dry Polypropylene	2.08	0.082	19-26	0.9-0.4	N/A	N/A
<b>UG</b> 		Gel-filled Polycarbonate	Butt 1.67 Tap 1.12	0.066 0.044	19-26 22-26	0.9-0.4 0.7-0.4	N/A	N/A
<b>UPB</b> 		Dry UL Listed Flame Retardant Polycarbonate	1.27	0.050	22-26	0.7-0.4	22-26	0.7-0.4
<b>*UDW2</b> 		Full Pair Drop Pair Polycarbonate	4.4	0.175	16-19	1.3-0.9	N/A	N/A
<b>*U1B</b> 		Gel-filled Full Pair Polycarbonate	3.18	0.125	16-19	1.3-0.9	N/A	N/A
<b>*U1R</b> 		Gel-filled Full Pair Polycarbonate	3.18	0.125	19-24	0.9-0.5	N/A	N/A
<b>UCC</b> 		Gel-filled UL Listed Polycarbonate	1.52	0.060	22-26	0.7-0.4	N/A	N/A
<b>UPC</b> 		UL Listed Flame Retardant Polycarbonate	1.52	0.060	22-26	0.7-0.4	22-26	0.7-0.4

Tap Splicing

Inline Splicing

Clear/Cap Only

To reduce fatigue, use tool within each group with highest mechanical advantage, indicated in ( ).



**E-9BM**  
(10:1)



**E-9C**  
(7:1)



**E-9E**  
(4:1)



**E-9Y\*\***  
(3:1)



**E-9R**  
(10:1)



**E-9J**  
(10:1)

\*Inline and drop wire connectors can only be used with E-9BM tool.

\*\*Not recommended for 19 gauge (0.9 mm) conductor and larger.

**Important Notice**

**Warranty Statement**

3M™ Scotchlok™ connectors and tools are engineered to work together to achieve consistently superior performance in the field. Tools from other manufacturers may not meet the tight quality tolerances of 3M tools and may damage the crimping and performance of a 3M connector. Therefore, the published 3M warranty does not extend to any 3M connectors crimped in tools not made by 3M. The warranty on 3M Scotchlok splicing tools can also be voided if used on non-3M connectors. All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

**Warranty; Limited Remedy; Limited Liability.**

This product will be free from defects in material and manufacture at the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**



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