

Specifications for 3M™ Scotchlok™ Connectors and Tools

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)
UR2 		Gel-Filled Polypropylene Cat.5	2,08 mm	0.082"	26-19	0,4-0,9 mm	N/A	N/A
UR2-D 		Dry Polypropylene	2,08 mm	0.082"	26-19	0,4-0,9 mm	26-19	0,4-0,9 mm
UR 		Gel-Filled Polycarbonate Cat. 5	1,52 mm	0.060"	26-19	0,4-0,9 mm	N/A	N/A
UY2 		Gel-Filled Polypropylene Cat.5	2,08 mm	0.082"	26-19	0,4-0,9 mm	N/A	N/A
UY2-D 		Dry Polypropylene	2,08 mm	0.082"	26-19	0,4-0,9 mm	26-19	0,4-0,9 mm
UY 		Gel-Filled Polycarbonate Cat.5	1,52 mm	0.060"	26-22	0,4-0,7 mm	N/A	N/A
557-TG2* 		Gel-Filled Polypropylene	3,0 mm	0.12"	22-16	0,6-1,3 mm	N/A	N/A
UP2 		Dry Flame Retardant UL Listed Polycarbonate	1,52 mm	0.060"	26-22	0,4-0,7 mm	26-22	0,4-0,7 mm
UP3 		Dry Flame Retardant UL Listed Polycarbonate	1,52 mm	0.060"	26-19	0,4-0,9 mm	26-19	0,4-0,9 mm
UAL 		Gel-Filled For Aluminum Polycarbonate	Outside parts: 2,08 mm Middle parts: 1,88 mm	Outside parts: 0.082" Middle parts: 0.074"	20-17 AL 24-19 CU	0,8-1,2 AL 0,5-0,9 CU	N/A	N/A
211 		Gel-Filled Polypropylene Cat. 5	2,08 mm	0.082"	26-19	0,4-0,9 mm	N/A	N/A

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

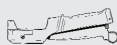
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Connector	Type Connector	Special Features	Maximum Insulation O.D.		PIC-Unfilled and PIC-Filled		Pulp or Paper	
			Metric (mm)	Inches	AWG	Metric (mm)	AWG	Metric (mm)
UB2A 		Gel-Filled Polypropylene Cat. 5	2,08 mm	0.082"	26-19	0,4-0,9 mm	N/A	N/A
UB2A-D 		Dry Polypropylene	2,08 mm	0.082"	26-19	0,4-0,9 mm	26-19	0,4-0,9 mm
UG 		Gel-Filled Polycarbonate	Butt 1,67 mm Tap 1,12 mm	0.066" 0.044"	26-19 26-22	0,4-0,9 mm 0,4-0,6 mm	N/A	N/A
UPB 		Dry UL Listed Flame Retardant Polycarbonate	1,27 mm	0.050"	26-22	0,4-0,7 mm	26-22	0,4-0,7 mm
UDW2* 		Full Pair Drop Pair Polycarbonate	4,4 mm	0.175"	19-16	0,9-1,3 mm	N/A	N/A
U1B* 		Gel-Filled Full Pair Polycarbonate	3,18 mm	0.125"	19-16	0,9-1,3 mm	N/A	N/A
U1R* 		Gel-Filled Full Pair Polycarbonate	3,18 mm	0.125"	24-19	0,5-0,9 mm	N/A	N/A
UCC 		Gel-Filled Polycarbonate	1,52 mm	0.060"	26-22	0,4-0,7 mm	N/A	N/A
UPC 		UL Listed Flame Retardant Polycarbonate	1,52 mm	0.060"	26-22	0,4-0,7 mm	26-22	0,4-0,7 mm

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