

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)
UR2 		Gel-filled Polypropylene Cat. 5 RUS Listed	2.08	0.082	26-19	0.4-0.9	N/A	N/A
UR2-D 		Dry Polypropylene RUS Listed	2.08	0.082	26-19	0.4-0.9	26-19	0.4-0.9
UR 		Gel-filled Polycarbonate Cat. 5 RUS Listed	1.67	0.066	26-19	0.4-0.9	N/A	N/A
UY2 		Gel-filled Polypropylene Cat. 5 RUS Listed	2.08	0.082	26-19	0.4-0.9	N/A	N/A
UY2-D 		Dry Polypropylene RUS Listed	2.08	0.082	26-19	0.4-0.9	26-19	0.4-0.9
UY 		Gel-filled Polycarbonate Cat. 5 RUS Listed	1.67	0.066	26-22	0.4-0.7	N/A	N/A
*557-TG2 		Gel-filled Polypropylene	3.0	0.12	22-16	0.6-1.3	N/A	N/A
UYF 		Gel-filled Polycarbonate	1.52	0.060	26-20	0.4-0.8	N/A	N/A
UP2 		Dry Polycarbonate Flame Retardant RUS Listed UL Listed	1.52	0.060	26-22	0.4-0.7	26-22	0.4-0.7
UP3 		Dry Polycarbonate Flame Retardant UL Listed	1.67	0.066	26-19	0.4-0.9	26-19	0.4-0.9
UAL 		Gel-filled For Aluminum Polycarbonate RUS Listed	Outside Ports: 2.08 Middle Port: 1.88	Outside Ports: 0.082 Middle Port: 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 RUS Listed	2.08	0.082	26-19	0.4-0.9	N/A	N/A

Butt Splicing

*557-TG2 connectors can only be used with 3M™ Scotchlok™ Crimp Tool E-9BM or E-9J.

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			Metric (mm)	Inches	AWG	Metric (mm)	AWG	Metric (mm)
UB2A 		Gel-filled Polypropylene Cat. 5 RUS Listed	2.08	0.082	26-19	0.4-0.9	N/A	N/A
UB2A-D 		Dry Polypropylene RUS Listed	2.08	0.082	26-19	0.4-0.9	26-19	0.4-0.9
UG 		Gel-filled Polycarbonate RUS Listed	Butt 1.67 Tap 1.12	0.066 0.044	26-19 26-22	0.4-0.9 0.4-0.7	N/A	N/A
UPB 		Dry Polycarbonate Flame Retardant RUS Listed UL Listed	1.27	0.050	26-22	0.4-0.7	26-22	0.4-0.7
*UDW2 		Full Pair Drop Pair Polycarbonate RUS Listed	4.4	0.175	19-16	0.9-1.3	N/A	N/A
*U1B 		Gel-filled Full Pair Polycarbonate	3.18	0.125	19-16	0.9-1.3	N/A	N/A
*U1R 		Gel-filled Full Pair Polycarbonate	3.18	0.125	24-19	0.5-0.9	N/A	N/A
UCC 		Gel-filled Polycarbonate RUS Listed	1.52	0.060	26-22	0.4-0.7	N/A	N/A
UPC 		Dry Polycarbonate Flame Retardant RUS Listed UL Listed	1.52	0.060	26-22	0.4-0.7	26-22	0.4-0.7

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 3M™ Scotchlok™ Crimp Tool E-9BM.

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