










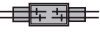
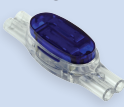






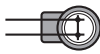
# 3M™ Scotchlok™ Connectors and Tools Specification Chart

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)
		Gel-filled Polypropylene Cat. 5 RUS Listed UL Listed	2.08	0.082	26-19	0.4-0.9	N/A	N/A
		Dry Polypropylene RUS Listed	2.08	0.082	26-19	0.4-0.9	26-19	0.4-0.9
		Gel-filled Polycarbonate Cat. 5 RUS Listed UL Listed	1.67	0.066	26-19	0.4-0.9	N/A	N/A
		Gel-filled Polypropylene Cat. 5 RUS Listed UL Listed	2.08	0.082	26-19	0.4-0.9	N/A	N/A
		Dry Polypropylene RUS Listed	2.08	0.082	26-19	0.4-0.9	26-19	0.4-0.9
		Gel-filled Polycarbonate Cat. 5 RUS Listed UL Listed	1.67	0.066	26-22	0.4-0.7	N/A	N/A
		Gel-filled Polypropylene	3.0	0.12	22-16	0.6-1.3	N/A	N/A
		Gel-filled Polycarbonate UL Listed	1.52	0.060	26-20	0.4-0.8	N/A	N/A
		Dry Polycarbonate Flame Retardant RUS Listed UL Listed	1.52	0.060	26-22	0.4-0.7	26-22	0.4-0.7
		Dry Polycarbonate Flame Retardant UL Listed	1.67	0.066	26-19	0.4-0.9	26-19	0.4-0.9
		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
		Gel-filled Polypropylene Cat. 5 RUS Listed UL 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.

# 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)	
 UB2A		Gel-filled Polypropylene Cat. 5 RUS Listed UL Listed	2.08	0.082	26-19	0.4-0.9	N/A	N/A	Tap Splicing
 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	Inline Splicing
 *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	Clear/Cap Only
 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	

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.

## 3M™ Scotchlok™ Connectors and Tools Ordering Information

Connector	Box Packaging Weight kg (lbs.) Minimum Order UPC Code	Bulk Packaging Weight kg (lbs.) Minimum Order UPC Code	Cartridge Packaging Weight kg (lbs.) Minimum Order UPC Code	Jar Packaging Weight kg (lbs.) Minimum Order UPC Code	Clamshell Packaging Weight kg (lbs.) Minimum Order UPC Code
<b>UR2</b>	100/box, 1000/cs. 1.36 (3) Min. Order: 1000 connectors 054007-68538	500/box, 5000/cs. 6.7 (15.2) Min. Order: 5000 connectors 054007-56390	10/cart, 100/pak., 1000/cs. 2.09 (4.6) Min. Order: 1000 connectors 054007-68541	500/box, 5000/cs. 5.9 (13.1) Min. Order: 5000 connectors 051115-22977	25/Pak, 1000/cs. 1.8 (3.9) Min. Order: 1000 connectors 051115-22985
<b>UR2-D</b>	N/A N/A N/A N/A	500/box, 5000/cs. 6.7 (15.2) Min. Order: 5000 connectors 054007-33277	10/cart, 100/pak., 1000/cs. 2.09 (4.6) Min. Order: 1000 connectors 054007-27816	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UR</b>	100/box, 1000/cs. 1.36 (3) Min. Order: 1000 connectors 054007-68537	500/box, 5000/cs. 6.7 (15.2) Min. Order: 5000 connectors 054007-68535	10/cart, 100/pak., 1000/cs. 2.09 (4.6) Min. Order: 1000 connectors 054007-68534	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UY2</b>	100/box, 1000/cs. 0.9 (1.3) Min. Order: 1000 connectors 054007-14911	1000/box, 5000/cs. 2.8 (6.1) Min. Order: 5000 connectors 054007-33278	12/cart, 120/pak., 1200/cs. 1.4 (3.5) Min. Order: 1200 connectors 054007-27817	500/Jar, 5000/cs. 3.8 (8.3) Min. Order: 5000 connectors 051115-22979	25/Pak, 1000/cs. 1.3 (2.8) Min. Order: 1000 connectors 051115-22984
<b>UY2-D</b>	N/A N/A N/A N/A	1000/box, 5000/cs. 2.8 (6.1) Min. Order: 5000 connectors 051138-57359	12/cart, 120/pak., 1200/cs. 1.4 (3.5) Min. Order: 1200 connectors 054007-71478	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UY</b>	100/box, 1000/cs. 0.9 (1.3) Min. Order: 1000 connectors 054007-14911	1000/box, 5000/cs. 2.8 (6.1) Min. Order: 5000 connectors 054007-33278	16/cart, 160/pak., 1600/cs. 1.4 (3.5) Min. Order: 1600 connectors 054007-27817	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>557TG</b>	N/A N/A N/A N/A	500/bag, 5000/box 9.09 (20) Min. Order: 5000 connectors 051138-57359	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UYF</b>	500/box, 2500/cs. 2.15 (4.75) Min. Order: 2500 connectors 051115-18516	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UP2</b>	N/A N/A N/A N/A	1000/box, 5000/cs. 2.4 (5.4) Min. Order: 5000 connectors 054007-33420	16/cart, 160/pak., 1600/cs. 1.4 (3.2) Min. Order: 1600 connectors 054007-32698	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UP3</b>	N/A N/A N/A N/A	1000/box, 5000/cs. 7.1 (13.3) Min. Order: 5000 connectors 054007-33419	10/cart, 100/pak., 1000/cs. 2.0 (4.4) Min. Order: 1000 connectors 054007-32700	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UAL</b>	N/A N/A N/A N/A	N/A N/A N/A N/A	10/cart, 100/pak., 1000/cs. 2.1 (4.7) Min. Order: 1000 connectors 054007-27828	N/A N/A N/A N/A	N/A N/A N/A N/A

TOOLS	E-9BM CRIMPING TOOL	E-9C CARTRIDGE TOOL	E-9R CRIMPING TOOL	E-9E CRIMPING TOOL	E-9Y CRIMPING TOOL*	E-9Y-P CRIMPING TOOL	E-9J CRIMPING TOOL
Packaging kg (lbs.)/cs.	4.3 (9.5)	1/cs., 0.91 (2)	1/bag, 10/cs., 2.59 (5.7)	1/bag, 10/cs., 2.7 (6)	1/bag, 10/cs., 1.53 (3.3)	1/bag, 10/cs., 1.53 (3.3)	1/bag, 10/cs., 4.1 (9.02)
Minimum Order	10 each	1 each	10 each	10 each	10 each	10 each	10 each
UP Code	054007-33482	054007-34211	051138-87649	054007-10577	054007-15625	051115-22987	051115-19004

\*Not recommended for 19 AWG and larger.

## 3M™ Scotchlok™ Connectors and Tools Ordering Information

Connector	Box Packaging Weight kg (lbs.) Minimum Order UPC Code	Bulk Packaging Weight kg (lbs.) Minimum Order UPC Code	Cartridge Packaging Weight kg (lbs.) Minimum Order UPC Code	Jar Packaging Weight kg (lbs.) Minimum Order UPC Code	Clamshell Packaging Weight kg (lbs.) Minimum Order UPC Code
<b>211</b>	100/box, 1000/cs. 1.2 (2.6) Min. Order: 1000 connectors 054007-34079	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UB2A</b>	100/box, 1000/cs. 1.2 (2.6) Min. Order: 1000 connectors 054007-92693	500/box, 5000/cs. 6.7 (15.2) Min. Order: 5000 connectors 054007-33277	N/A N/A N/A N/A	N/A N/A N/A N/A	25/Pak, 1000/cs. 1.5 (3.4) Min. Order: 1000 connectors 051115-22886
<b>UB2A-D</b>	100/box, 1000/cs. 1.2 (2.6) Min. Order: 1000 connectors 054007-92694	500/box, 5000/cs. 6.7 (15.2) Min. Order: 5000 connectors 054007-68535	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UG</b>	100/box, 1000/cs. 1.1 (2.5) Min. Order: 1000 connectors 054007-56391	1000/box, 5000/cs. 2.8 (6.1) Min. Order: 5000 connectors 054007-33278	N/A N/A N/A N/A	500/Jar, 5000/cs. 3.8 (8.3) Min. Order: 5000 connectors 051115-22979	N/A N/A N/A N/A
<b>UPB</b>	100/box, 1000/cs. 0.6 (1.4) Min. Order: 1000 connectors 054007-34173	1000/box, 5000/cs. 2.8 (6.1) Min. Order: 5000 connectors 051138-57359	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UDW2</b>	25/bag, 100/box N/A Min. Order: 1000 connectors 051138-11505	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>U1B</b>	100/box, 1000/cs. 7.3 (16.0) Min. Order: 5000 connectors 054007-71340	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>U1R</b>	100/box, 1000/cs. 7.4 (16.2) Min. Order: 2500 connectors 054007-56388	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UCC</b>	N/A N/A N/A N/A	N/A N/A N/A N/A	16/cart, 160/pak., 1600/cs. 1.6 (3.5) Min. Order: 1600 connectors 054007-31734	500/Jar, 5000/cs. 2.8 (6.1) Min. Order: 5000 connectors 051115-22980	N/A N/A N/A N/A
<b>UPC</b>	N/A N/A N/A N/A	N/A N/A N/A N/A	16/cart, 160/pak., 1600/cs. 1.5 (3.0) Min. Order: 1600 connectors 054007-33721	N/A N/A N/A N/A	N/A N/A N/A N/A

\*Not recommended for 19 AWG and larger.

To order, call 800/426 8688. For more information, please contact your local 3M Representative.