

## 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><br>        |    | Gel-filled Polypropylene<br>Cat. 5<br>RUS Listed                | 2.08                                     | 0.082                                      | 26-19                       | 0.4-0.9                  | N/A           | N/A         |
| <b>UR2-D</b><br>      |    | Dry Polypropylene<br>RUS Listed                                 | 2.08                                     | 0.082                                      | 26-19                       | 0.4-0.9                  | 26-19         | 0.4-0.9     |
| <b>UR</b><br>         |    | Gel-filled Polycarbonate<br>Cat. 5<br>RUS Listed                | 1.52                                     | 0.060                                      | 26-19                       | 0.4-0.9                  | N/A           | N/A         |
| <b>UY2</b><br>        |    | Gel-filled Polypropylene<br>Cat. 5<br>RUS Listed                | 2.08                                     | 0.082                                      | 26-19                       | 0.4-0.9                  | N/A           | N/A         |
| <b>UY2-D</b><br>    |  | Dry Polypropylene<br>RUS Listed                                 | 2.08                                     | 0.082                                      | 26-19                       | 0.4-0.9                  | 26-19         | 0.4-0.9     |
| <b>UY</b><br>       |  | Gel-filled Polycarbonate<br>Cat. 5<br>RUS Listed                | 1.52                                     | 0.060                                      | 26-22                       | 0.4-0.7                  | N/A           | N/A         |
| <b>*557-TG2</b><br> |  | Gel-filled Polypropylene                                        | 3.0                                      | 0.12                                       | 22-16                       | 0.6-1.3                  | N/A           | N/A         |
| <b>UYF</b><br>      |  | Gel-filled Polycarbonate                                        | 1.52                                     | 0.060                                      | 26-20                       | 0.4-0.8                  | N/A           | N/A         |
| <b>UP2</b><br>      |  | Dry Polycarbonate<br>Flame Retardant<br>RUS Listed<br>UL Listed | 1.52                                     | 0.060                                      | 26-22                       | 0.4-0.7                  | 26-22         | 0.4-0.7     |
| <b>UP3</b><br>      |  | Dry Polycarbonate<br>Flame Retardant<br>UL Listed               | 1.52                                     | 0.060                                      | 26-19                       | 0.4-0.9                  | 26-19         | 0.4-0.9     |
| <b>UAL</b><br>      |  | Gel-filled For Aluminum<br>Polycarbonate<br>RUS Listed          | Outside Ports: 2.08<br>Middle Port: 1.88 | Outside Ports: 0.082<br>Middle Port: 0.074 | 20-17 AL<br>24-19 CU        | 0.8-1.2 AL<br>0.5-0.9 CU | N/A           | N/A         |
| <b>211</b><br>      |  | Gel-filled Polypropylene<br>Cat. 5<br>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.

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

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**RoHS**  
Compliant  
2005/95/EC

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## Communication Markets Division 3M Telecommunications

6801 River Place Blvd.  
Austin, TX 78726-9000  
800/426 8688  
Fax 800/626 0329  
[www.3MTelecommunications.com](http://www.3MTelecommunications.com)

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#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.