

3M™ Scotchlok™ Moisture Guard Connector
Product Bulletin



Protect
Your Connection



3M™ Scotchlok™ Moisture Guard Connector

3M makes wire stripping a thing of the past for residential and commercial landscape lighting and irrigation. The 3M™ Moisture Guard Connector (MGC) will handle wire ranging from 20-12 AWG and will accommodate the thicker insulation on irrigation wire.

When installed, the metal element inside the 3M Moisture Guard Connector pushes through the wire insulation making a secure, reliable connection. The grease inside the MGC protects the connection and the body of the connector is UV resistant for above ground applications.



3M™ Scotchlok™ Moisture Guard Connector

Easy to use
Reliable
Moisture resistant





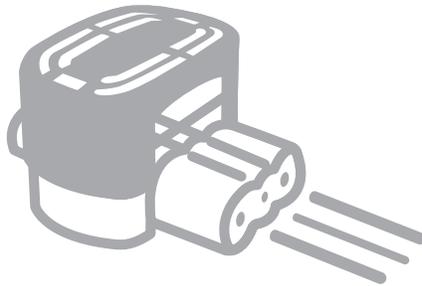
Quick and Easy to Install

The 3M™ Scotchlok™ Moisture Guard Connector is quick and easy to use. Simply insert the wires, push the lid down on the connector using a standard set of slip joint pliers and the connection is finished. Once the connection is complete, the grease inside makes it moisture resistant.

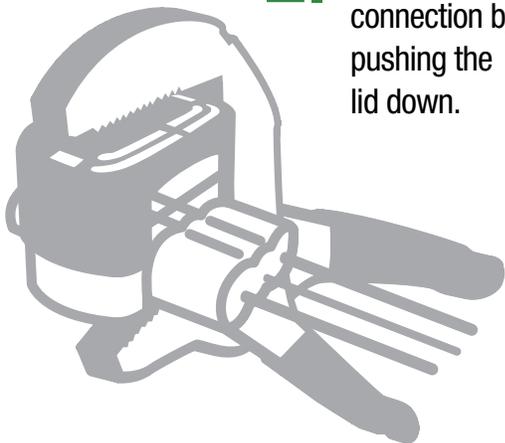
NO STRIPPING REQUIRED!



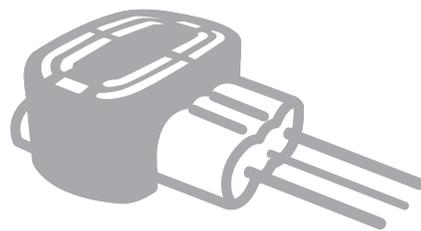
1. Insert wires to the end of connector.



2. Make the connection by pushing the lid down.



3. Connection is complete.



Features	Advantages	Benefits
UV Resistant	Protects against the sun's harmful UV rays	Added protection
No Stripping Required	Removes a step in the connection process	Saves time in the field
Accepts 14 AWG UF wire	Satisfies the demands of contractors for a connector that accepts thicker 14 AWG irrigation wire	Gives the market a new quality 3M option for a reliable, moisture resistant connector.

Specifications

Wire ranges: Outside ports	12 AWG str. 14-16 AWG sol. /str. (2.5 mm ² – 1.0 mm ²)	Maximum Insulation Diameter: .210 inches
Inside port	18 AWG sol./str. (.75 mm ²), 20 AWG str. (.5 mm ²)	Maximum Insulation Diameter: .150 inches

NOTE: For use with common thermoplastic insulation types, copper conductors only

Construction Body: UV Resistant Polycarbonate

Element: Tin Plated Brass .035 in. thick

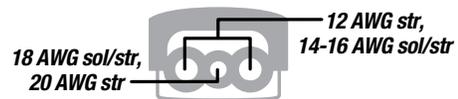
Barrier Cap: TPE

Grease: Mineral Oil Base

Recommended Installation Tools: Large slip joint pliers

Operating Temperature: 105°C maximum

Voltage Rating: 600 Volts maximum, building wire. 1000 Volts maximum in signs, fixtures and luminaries. Copper conductors only. Only AWG combinations are CUL Listed.



Flammability Rating: UL94-V2

Ordering Information

Product Number	UPC Number	Product Description	Minimum Order Qty.
MGC (25/bag)	051128-56827-9	3M™ Scotchlok™ Moisture Guard Connector- 25/Bag	250
MGC (100/jug)	051128-56828-6	3M™ Scotchlok™ Moisture Guard Connector- 100/Jug	400



3M and Scotchlok are trademarks of 3M Company.

Important Notice

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 for a period of one year from 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.**



Electrical Markets Division

6801 River Place Blvd.
Austin, TX 78726-9000
800 245 3573
FAX 800 245 0329
www.3M.com/electrical

Please recycle. Printed in USA.
© 3M 2009. All rights reserved.
80-6016-0355-0