

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





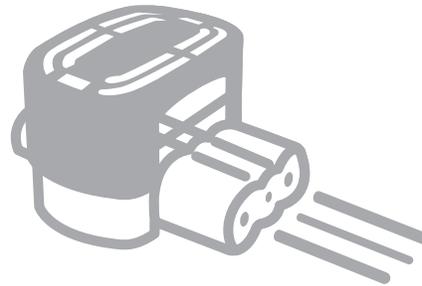
## Quick and Easy to Install

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.

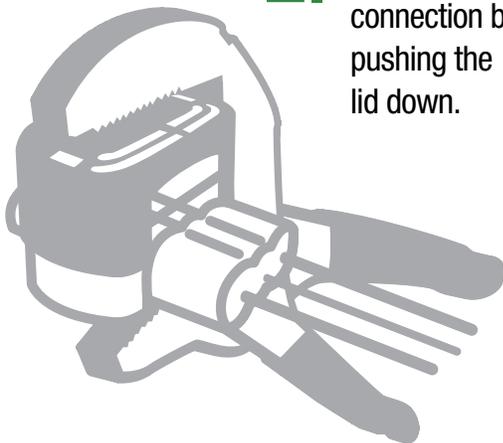
**NO STRIPPING REQUIRED!**



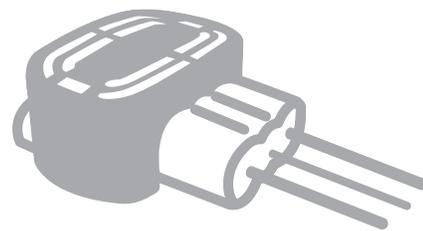
**1.** Insert wires to the end of connector.



**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 <sup>2</sup> – 1.0 mm <sup>2</sup> )	Maximum Insulation Diameter: .210 inches
Inside port	18 AWG sol./str. (.75 mm <sup>2</sup> ), 20 AWG str. (.5 mm <sup>2</sup> )	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

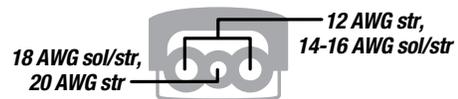
Barrier Cap: TPE

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



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