

# Woodhead Watertite Extreme Wiring Devices

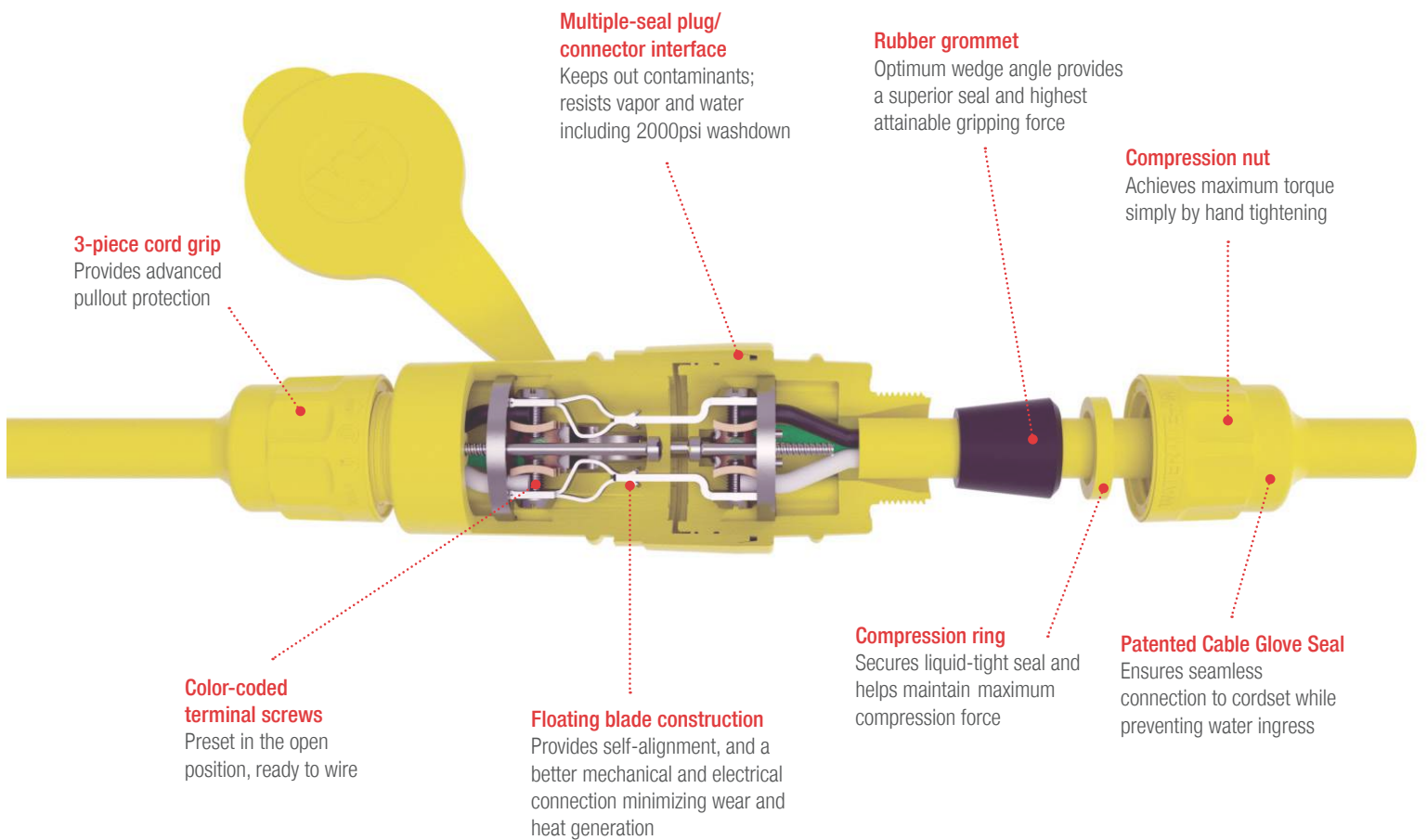
**molex**

As the pioneer of wet-location wiring device solutions for more than 90 years, Woodhead has expanded its unique Advanced Vulcanized Rubber Watertite offering to include material designs that match the specific application needs of a wide-ranging customer base

The newest Woodhead Watertite Wiring Solution is a game changer for harsh, wet environments.

Woodhead's NEW Advanced Vulcanized Silicone Rubber husk repels and inhibits bacterial growth and is ideal for any indoor or outdoor wet location.

## Features and Advantages



## Applications

Both design and material quality make Woodhead Watertite Wiring Devices essential for environments with extreme conditions such as:

- Food and Beverage
- Construction Sites
- Outdoor Concerts
- Amusement Parks
- Disaster Relief



Food and Beverage Processing



Construction Sites

# Woodhead Watertite Extreme Wiring Devices



## Specifications

### REFERENCE INFORMATION

UL File No.: Plug and Connector – E10176  
 CSA File No.: LR6837  
 NSF File No.: NSF/ANSI/3-A 14159-1

### PHYSICAL

Plug Blades and Connector Contacts:  
 Nickel-plated Brass  
 Housing: Vulcanized Silicone Rubber  
 Face Screws: Stainless Steel  
 Face Insert: Nylon  
 Wire Saddle Clamp: Brass

### ENVIRONMENTAL

NEMA Rating: Type 1, 2, 3, 4, 4X, 5, 6, 6P and 12  
 IEC Rating: IP55, 56, 57, 65, 66, 67 and 69K  
 Operating Temperature: Maximum Continuous 105° C,  
 minimum 40° C (no impact)  
 Temperature Rise: Maximum 30° C temperature rise  
 at full rated current after 50 cycles of overload at  
 150% of rated current at a power factor of 75%.

## Features and Advantages

### Watertite Extreme Performance

Anti-microbial material

The unique Advanced Vulcanized Silicone Rubber husk inhibits bacterial growth

Exceptional durability

Advanced Vulcanized Silicone Rubber material consistently outperforms other wiring device jacket materials used in the market

Wide-ranging regulatory compliance

NSF certified, UL Listed, CSA Certified, UV Stable

Superior Sealing Properties

Maintains flexibility and sealing qualities in extreme temperatures, demonstrated by IP67, IP69K, NEMA Type 4X and 6P ratings



NSF Certified

NSF International has been helping businesses in the agriculture, processing, food equipment, restaurant and retail industries to navigate the food safety and regulatory environment for nearly 70 years.



Antimicrobial

Advanced Vulcanized Silicone Rubber tested to JIS Z 2801 / ISO 22196 and shown to be effective to inhibit the growth of bacteria.



UL Listed

UL is a global independent safety science company with more than a century of expertise innovating safety solutions and is dedicated to promoting safe living and working environments.



CSA Certified

CSA International found that representative samples of this product met CSA's published Standards for Safety intended for the Canadian market.



IP69K Rated

Superior water ingress protection designed for the most extreme wash down procedures, withstanding hot and high pressure water, in addition to excessively dusty environments



FDA Compliant Material

FDA Compliant Material per CFR 21.177.2600 (Rubber articles intended for repeated use).\*



14W47



15W47



## Ordering Information

Series No.	Component
130146	Watertite Extreme Plugs and Connectors (14W47: Food and Beverage and 14W47-P: Petrochemical)

Custom Product	Description
<a href="#">Contact Molex</a>	Custom Watertite Extreme Plugs and Connectors

\*It is also important to note that while our Advanced Vulcanized Silicone Rubber may be made from an FDA compliant material recognized as safe for repeated use in food manufacture, preparation and transportation, the final determination of the finished assemblies' appropriateness and suitability in a specific environment or application is the responsibility of the end-use customer.

[www.molex.com/woodhead](http://www.molex.com/woodhead)

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