

Woodhead Watertite Extreme Wiring Devices

PETROCHEMICAL GRADE

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

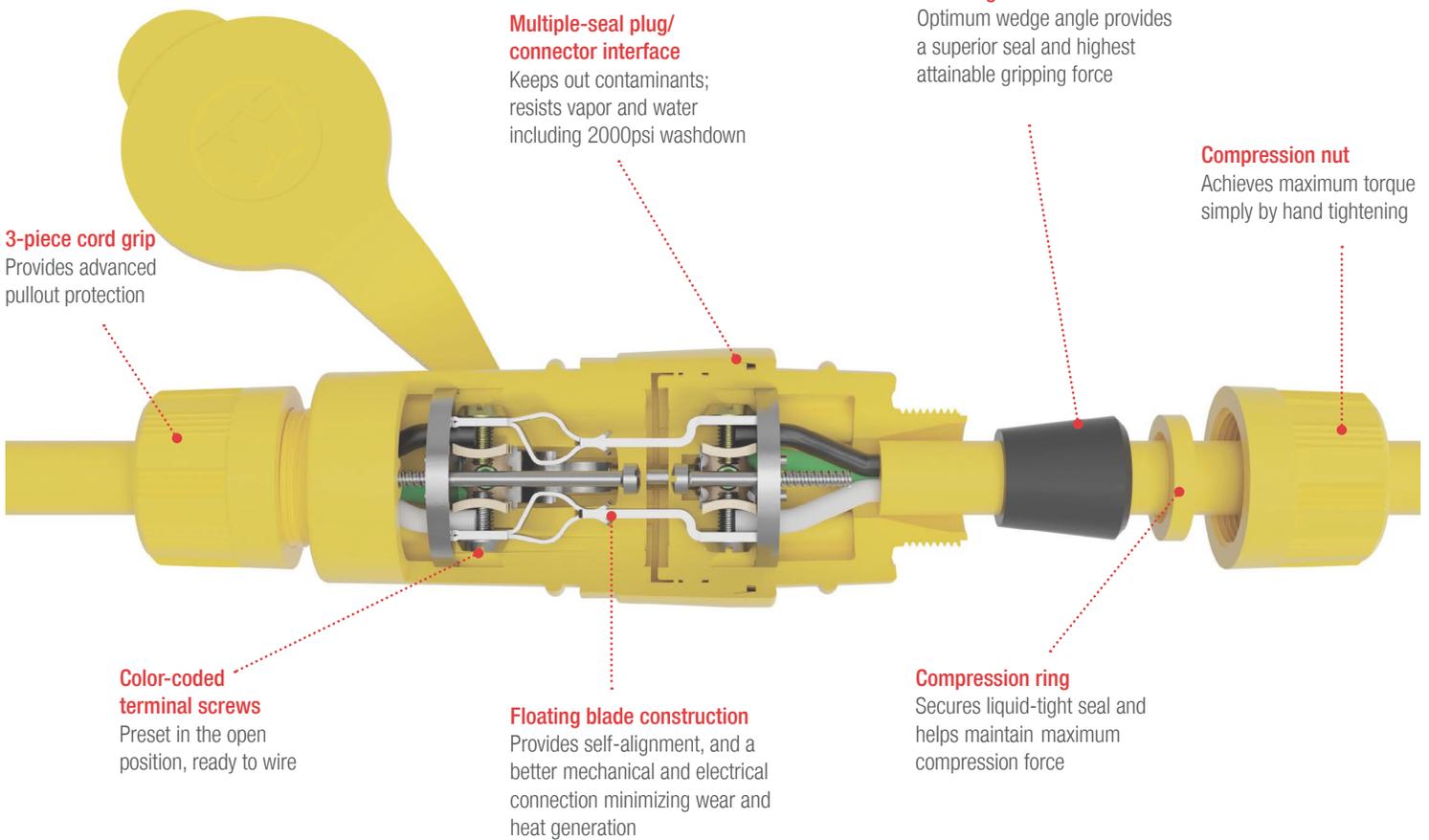
The new Woodhead Watertite Wiring Devices are the only devices engineered from Advanced Vulcanized Rubber, which provides the ultimate resistance to impact, heat, weather and chemicals such as diesel fuel and other corrosive oils.

Woodhead's Oil Resistant Vulcanized Rubber compound is uniquely suited to withstand chemical abuse and exposure in the petrochemical environment.

molex



Features and Advantages



Applications

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

- Petrochemical Facilities
- Oil and Gas



Petrochemical Facilities

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: Oil-Resistant Vulcanized 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 Petrochemical

Severe chemical resistance

Woodhead's Oil-Resistant Vulcanized NBR/PVC Rubber compound is suited to withstand chemical abuse and exposure

Exceptional durability

Vulcanized NBR/PVC Rubber material consistently outperforms other wiring device jacket materials used in the market

Wide-ranging regulatory compliance

UL listed and CSA certified

Superior Sealing Properties

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



UL Certified

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



NSF Approved

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.



14W47-P



15W47-P

Ordering Information

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