



Remitite EDT-629 **Flexible Fire Seal**



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Flexible Fire Seal

Remite EDT-629 is flame-resistant, nonflammable, and made with a mixture of components as a flexible fire material, applying in vessels, offshore and land plants, and other power and generating plants. The flexibility of the seal allows movements between the bulkheads and the deck pipes. This excellent resistance to and performance in and against seawater are especially valuable qualities for use on offshore plants and vessels.

Features

- Approved and certified by ABS for J-90 class first post-blast of 4.2 bar
- Approved and certified by ABS, BV, and DNV for H-120
- Resistant to jet-fire, hydrocarbon-fire
- Weather resistant
- Seawater resistant
- Shock resistant
- Blast resistant
- Excellent vibration durability and high tension tolerance
- Abrasion/friction/corrosion resistance in seawater
- Strong resistance to hydrocarbon splash, liquefied gas and liquid fuels, UV light, and ozone
- Can be designed and supplied to fit each installation and to satisfy all customer requirements.
- Low maintenance

Applications

- Shipbuildings
- Offshore oil and gas plants
- Onshore plants
- Power facilities

Specifications

- Color Black
- Capacity Piece (each)
- Service life More than 40 years
- Service temperature -60°C ~ 250°C
- Specific gravity 1.5 ~ 1.7 g/cm³
- Compressive strength 0.27 ~ 0.64 MPa (25%)
- Elongation 150 ~ 250%
- Hardness 44 ~ 55 shore A
- Elasticity 55%
- Storage temperature Room temperature
- UV test Grade 5, (40±1)°C, 24 hours
- Cold shock No crack, (-55±1)°C, 3 minutes

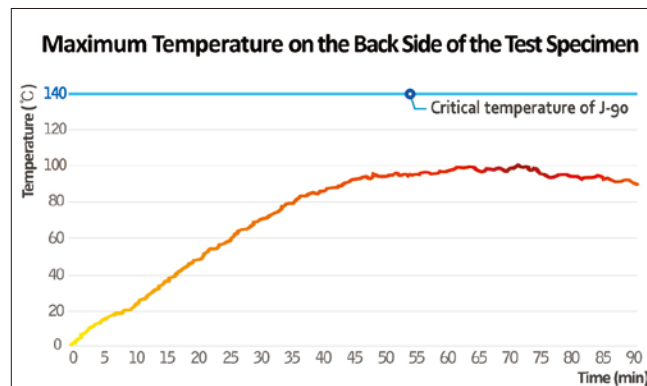
Remitite EDT-629 Fire and Explosion Protection

Flexible Fire Seal EDT-629 J-90 has met the strict standards of test ISO 22899-1: 2007 and performed under direct supervision of the inspectors from LR, DNV and ABS, and verified by the KOMERI on June 28, 2013.

Flexible Fire Seal EDT-629 H-120 has been tested for its fire resistance following the standards of the IMO Res. A. 754 (18): 1993. The test was approved by ABS, BV and DNV, and conducted at the KOMERI in Busan Korea on September 16, 2011.

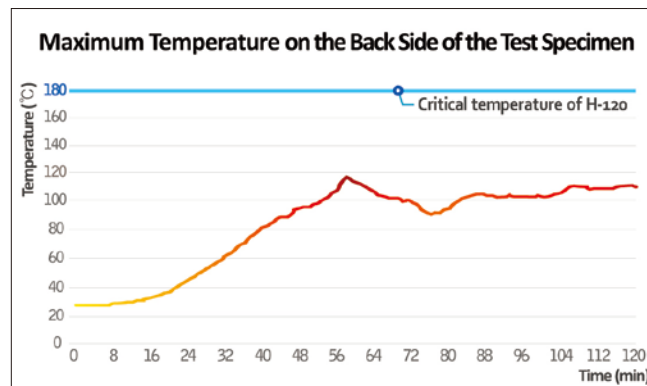
Remitite performed the EDT-629 explosion test at the company's site on September 5, 2013. EDT-629 endured over 4.5 bar of instantaneous explosive pressure and verified a superb fire-resistant material protection in the event of a high pressure explosion and fire.

J-90



On cessation of the jet fire after 90 minutes, the maximum temperature rise recorded in the test specimen was confirmed as 101°C. The critical temperature rise for J-90 class is 140°C.

H-120



The highest temperature on the back of the test specimen during the 120 minute test was 117°C. The highest average temperature on the back of the test specimen was 72°C. The critical temperature rise for H-120 class is 180°C.

Products

Escape Tunnel Seal



- Allows flexible connections between structures or between metal sections
- Protects sealed door frame connections for fire safe escape routes
- Absorbs misalignments, angle deviations, and dynamic loads
- Easily customized to fit unique structures and facilities
- Moisture resistant, pressure tolerant, and vibration absorbing properties within structures

Flexible Seal



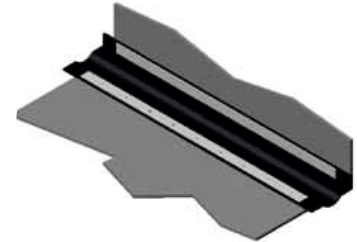
- Allows sealed connections between various metal sections
- Can be used to connect modules and protect them against explosion and fire
- Facilitates free movement and tolerates misalignment and angle deviations
- Eliminates pressure spikes, decreases vibration, and absorbs dynamic force loading
- Can easily be installed on a wide range of structures
- Well suited for use in modification of metal work
- Designed for ease of installation

Pipe Penetration Seal



- Diameters of the pipe measuring up to 1,016 mm
- Can be used on the side of the division exposed to blast

Drainway Seal

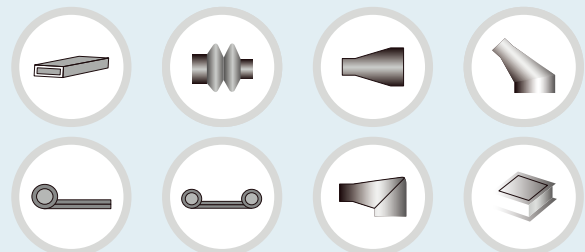


- Connects decks flexibly and absorbs and tolerates working stresses between decks
- Enables natural drainage from decks, semi-permanent

■ In addition, EDT-629 can be supplied in forms listed below:

(The following products are available for various fields such as shipbuilding, offshore oil & gas plants, and onshore plants.)

- Various-sized pipe penetration seals
- Linear skirt seals
- Expansion tolerant materials
- HVAC connectors
- Hatch seals
- Tank seals
- Insulation jackets





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