



TECHNICAL DATA SHEET

Integrity Fire Plugz



PRODUCT DESCRIPTION

Fire Plugz are an industry-leading fire resistant inspection port.

This product replaces standard, non-fireproof inspection ports, which leave a large flame path and failure point in your passive fire protection (PFP) cladding.

Manufactured as a two-part assembly, this product is composed of: a 304 stainless steel threaded port and a soft plug, manufactured from E-Glass Mat Insulation and 3M™ Interam™ Endothermic Mat E-5A-4.

The soft plug provides additional insulating properties, adding even greater back-up fire protection. This also ensures that the R value of the pipe's insulation is maintained at the installation site.

The materials used in the Fire Plug meet ASTM E 84 (UL 723), ASTM E 119 (UL 263), ASTM E 1529 (UL 1709), ASTM E 814 and CAN/ULC-S115 standards.

PRODUCT APPLICATION

Fire Plugz are suitable for use on piping and vessel cladding for passive fire protection (PFP). The Fire Plugz provide up to 3 hours of fire protection and provides protection against large hydrocarbon pool fires in accordance with ASTM E 1529 (UL 1709).

INSULATION
INSERT

MATERIAL SPECIFICATIONS

MATERIAL(S)

304 Stainless Steel
3M™ Interam™ Endothermic Mat E-5A-4
E-Glass Mat Insulation
Silicone Cloth

SIZE

3" Round

COLOR

Silver
INSULATION INSERT: Grey

TEMPERATURE RANGE

2192°F (1200°C)

THERMAL CONDUCTIVITY

0.0429 W/mk @ 212°F (100°C)

UV RESISTANCE

Excellent



Mat Materials, Fire Resistance Classifications, Rapid Temperature Rise, Fire Exposure, Design No. XR201 (See UL Fire Resistance Directory 90G9)

Classified Mat Materials, Fire Resistance Classification Design No. X203 and X204 (See UL Fire Resistance Directory 90G9)



Electrical Circuit Protective Materials for use in Electrical Circuit Protection Systems, System No. 7, 8 and 9. (See UL Building Materials Directory 90G9)



Fill, Void or Cavity Materials 90G9



Firestop Systems (See Intertek Directory)