

FM011

Moldable Firestop Putty



Description

FM011 Moldable Firestop Putty is a flexible putty with fast reacting intumescent properties that blocks the passage of flames, toxic fumes and smoke.

Firestop Putty is used to protect penetrations such as cable bundles, conduits, metallic pipes and air ducts with up to a 3-hour fire resistance.

After exposure to 1×10^6 Gy (1×10^6 rad) of neutron or gamma radiation, FM011 will maintain full firestop performance characteristics for 50+ years.

Uses

Seals joints, around cables, insulated pipes, electrical conduit and metallic pipe penetrations in fire rated walls and floors.

Feature

- Highly intumescent-rapid expansion and high volume char
- Excellent elasticity, easy to install
- Halogen free
- Asbestos free
- Contains no organic solvents
- FM011 will not coagulate and is reusable



Applications



Specification

| | |
|------------------------------|--|
| Density | Approx. $1.35 \pm 0.1 \text{ g/cm}^3$ |
| Color | Black |
| Elasticity | >40% |
| Expansion temp. | 220°C |
| Expansion rate | 5~10 times |
| STC Rating (ASTM E90) | 64(per construction type) |
| Package | 20Kgs/CTN (2Kg*10Sheets) 12Pcs/CTN (0.4Kg/Pc; Bars) |
| Shelf Life | 2 years |

Test

- UL1479, 3hrs, T.F and L Rating
- ULC S115
- FM approved
- ASTM E814
- CNS15814-1
- CNS14514, 3hrs, Class A&B
- GB23864
- ASTM E84
- ASTM E662

Installation guide

1. Clean opening of dust, dirt and oil.
2. Select a system from UL Fire Resistance Directory or other directories of acceptable designs.
3. The installation temperature should be between 5°C to 35°C.
4. To install, simply tear off required amount of putty and plug into the gap or void around the penetrants.

