
Design Number 3MU/AF 180-02

APPLIED FIREPROOFING

3M Company

3M™ Interam™ E-5, E-54-A and E-5A-4 Series Endothermic Mat

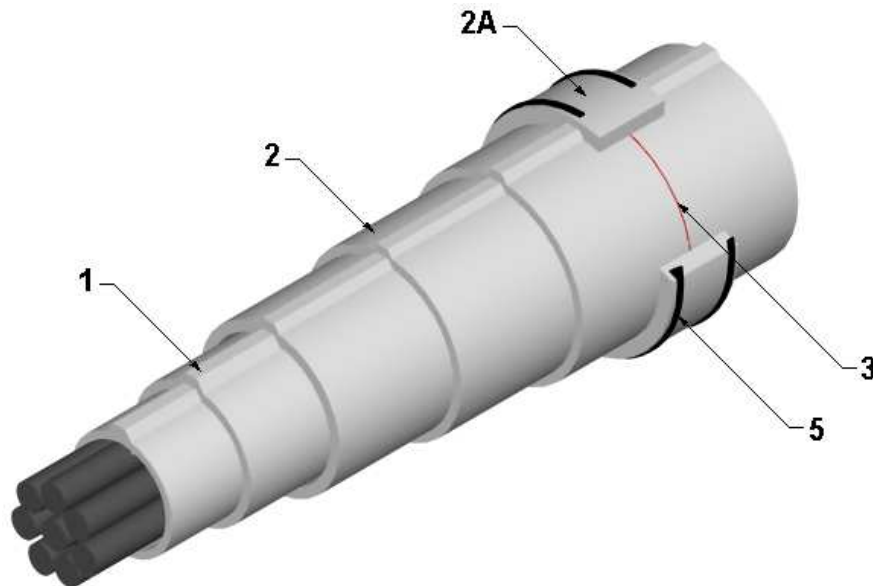
3M Fire Barrier CP 25WB+ Caulk

ASTM E 1725 (2008)

ASTM E 119 (2012)

Rating: 1 Hour

Approved for any cable fill



1. CONDUIT: Use any number or type of cables.

2. CERTIFIED MANUFACTURER: 3M Company

CERTIFIED PRODUCT: Applied Fireproofing

MODEL: 3M™ Interam™ E-5, E-54-A and E-5A-4 Series Endothermic Mat

ENDOTHERMIC MAT: Install 5 layers of foil faced flexible mat tightly around the conduit (Item 1). Install each piece of mat with a minimum 2 in. overlap at the seam with the internal diameter of the air drop being min. 2 in. The endothermic mat is to continue past the innermost layer of protection of the adjacent cable tray (not show).

A. COLLAR: Install minimum in. wide strips of endothermic mat (Item 2) around outermost layer at the base of the air drop at the cable entry point. The collar serves as support for the adjacent cable tray protection.

3. CERTIFIED MANUFACTURER: 3M Company

CERTIFIED PRODUCT: Caulk or Sealant

MODEL: 3M™ Fire Barrier CP 25WB+ Caulk

CAULK: Install caulk between butt joints of endothermic mat (Item 2) on all layers. Alternative use is to fill gaps and voids along seams greater than 1/8 in. wide.

4. **TAPE:** (Not Shown) Apply 4 in. wide pressure sensitive tape with aluminum foil facing to all exposed edges of the collar (Item 2A) as well as the longitudinal (overlap) joints of the endothermic mat (Item 2) on the outer layer.
5. **STEEL BANDING:** Install 1/2 in. wide x 0.020 in. thick stainless steel banding on the outer layer of the endothermic mat (Item 2). Install banding within 1 in. of the edge of collars (Item 2A) and butt joints and maximum 12 in. oc at all other locations.