

3M™ Scotchkote™ Fusion-Bonded Epoxy Coating 626-120

Data Sheet

Product Description

3M™ Scotchkote 626-120 Fusion-Bonded Epoxy Coating is a one-part, heat curable, thermosetting epoxy powder designed as a stand-alone or the corrosion coating for a dual-layer FBE system for the corrosion protection of pipe.

Properties

Property	Value
Coverage based on film	134 ft ² /lb/mil (0.699 m ² /kg/mm)
Color	Fed. Standard 595B Color 14272/Green
Gel Time @ 400°F/204°C	12 seconds ± 20%

Temperature Operating Range

Scotchkote 626-120 coating, when properly applied, should perform in a satisfactory manner on pipelines operating between -100°F/-73°C to 239°F/115°C. For temperatures reaching 239°F/115°C thicker coatings, greater than 15 mils, may improve the service capability. However, it is difficult to accurately predict field performance from the laboratory data due to the wide variations in actual field conditions. Soil types, moisture content, temperatures, coating thickness, and other factors specific to the area all influence the coating performance and upper temperature operating limits.

3M™ Scotchkote 626-120 Fusion-Bonded Epoxy Coating Test Data)

Property	Test Description	Typical Value
Impact	ASTM G14 (modified) 3/8 in (9.5 mm) thick plate	> 1.5J
Cathodic Disbondment	CAN/CSA-Z245.20-12.8 28 day, 1.5 volt, 3% NaCl 203°F/95°C	8 mmr
Hot Water Resistance	28 day, CAN/CSA-Z245.20-12.14, 203°F/95°C	2 rating
Bendability (Mandrel Bend)	<u>Temperature</u> 23°C	<u>%PD</u> >3
Penetration	ASTM G17 -40° to 200°F/-40° to 93°C	0
DSC	Glass Transition Temperature - T _g	> 120°C

Note: The typical values in this data sheet are based on lab prepared samples. Values shown are not to be interpreted as product specifications.



Handling and Safety Precautions

Read all Health Hazard, Precautionary and First Aid, Material Safety Data Sheet, and/or product label prior to handling or use.

Ordering Information/Customer Service

For ordering technical or product information, or a copy of the Material Safety Data Sheet, call:
Phone: 800/722-6721
Fax: 877/601-1305

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