

DENSO VOID FILLER

Injectable Petrolatum Compound

Description

Denso Void Filler is a petrolatum compound specially formulated for hot injection into voids. The compound is based entirely on petroleum hydrocarbons with additives to displace water, inhibit corrosion, enhance adhesion and control flow.

Uses

The void filler is pumped into the voids occurring between pipes, cables, ducts and protective sleeves to exclude air and water. It is generally pumped warm and sets to a semi-solid paste to provide corrosion protection of the steel.

Features

- Non-hardening
- Excellent flexibility
- Penetrates and wets existing corrosion
- Can be pumped
- Unaffected by water, acids and salts
- Can be supplied in large quantities

Application

The void filler is heated between 176°F to 248°F and pumped into the lowest point until it exits the highest point in a continuous stream at about 158°F. For full long term corrosion protection it is essential to completely fill all voids between strands and ducts to exclude all air and water. Designs shall allow for expansion and contraction due to temperature change without creating pressure in the ducts.



Denso Void Filler

Property Specifications

PROPERTIES

Solids Content	100%
Specific Gravity at 77°F (25°C)	.90 - .93
Specific Gravity at 176°F (80°C)	.89
Flash Point	365°F
Drop Point (IP 132/ASTM D566)	149 - 158°F
Congearing Point(IP 76/ASTM D938)	
Unworked Cone Penetration at 77°F (IP 179/ASTM D937)	140 - 158°F
Unworked Cone Penetration at 32°F	120 - 160 dmm
Worked Cone Penetration at 77°F	70 - 90 dmm
Brookfield Viscosity at 68°F	275 - 315 dmm
Brookfield Viscosity at 104°F	600,000 cp
Brookfield Viscosity at 140°F	4,000-5,000 cp
Brookfield Viscosity at 176°F	500-600 cp
Brookfield Viscosity at 194°F	50-100 cp
Application Temperature	20-30 cp
Maximum Continuous	68 - 176°F
Operating Temperature	104°F

PACKAGING:

12 oz. (350 ml) cartridge
5 gallon (19 liter) pail
55 gallon (208 liter) drum



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