



Chemline 2265

Polyurethane Coating and Lining

Description

Chemline 2265 is a 1:1, direct to metal, fast-set, polyurethane spray applied two-component polyurethane coating. It is 100% solids and contains zero VOCs. When cured, it is highlighted by:

- ✓ Excellent adhesion to steel
- ✓ Minimal overspray or fog in application area
- ✓ Formulated without plasticizers, tar, or other hydrocarbon extenders
- ✓ Certified to meet ANSI/NSF 61 standards for potable water by Underwriters Laboratories
- ✓ Certified (3rd party) to meet or exceed all requirements of AWWA C-222-08 protocol

Application Recommendations

Chemline 2265 is primarily specified as an interior lining and an exterior coating for large diameter transmission lines of potable water, waste water and raw water. It adheres extremely well direct to metal. It should be applied through a two component, heated, high pressure proportioning unit (1A:1B) capable of dynamic spray pressures of 2000-2400 psi.

For further detail consult the **Chemline 2265** Material Standard and seek a Chemline Technical Representative for application training.

Packaging, Storage & Shelf Life

Chemline 2265 is available in 55 gallon drums and 275 gallon totes. It should be stored in sealed containers between 60°F and 90°F. Shelf life is 12 months under normal conditions.

Safety

Chemline 2265 is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or fresh air hood. Spraying indoors requires forced ventilation. Be sure to read MSDS in its entirety prior to use.

Application Properties

Property	Value
Gel time	20 seconds
Tack free time	2 minutes
Recoat window	1 hour

Physical Properties

Property	Value
Hardness, Shore D, D-2240	77 D
Adhesion to steel (SP10, 3.0 mil), D-4541	> 3200 psi
Impact resistance, G-14	> 85 lbs
Elongation, D-638	6 %
Flexibility (180° bend over 3 inch mandrel), D-522	No Cracking
Abrasion resistance (CS17 wheels, 1000g, 1000 cycles), D-4060	< 55 mg loss
Cathodic disbondment, G-8	< 10 mm
Dielectric strength, D-149	> 600 volts/mil
Chemical Resistance(5% max change in mass, length, or width after 30 dat immersion), D-543	
10% Sulfuric Acid	< 2 %
30% Sodium Chloride	< 2.5 %
30% Sodium Hydroxide	< 2 %
#2 Diesel Fuel	< 3.5 %

*3rd party test results were performed in a laboratory environment. Results are for comparison purposes only and should not be considered specifications. Field results will vary significantly due to a large number of variables.

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