

Chesterton 775 Moisture Shield

Category : Fluid

Material Notes:

Description: Chesterton® 775 Moisture Shield is a moisture displacing, clear protective coating that protects parts and equipment from corrosion for months. Sprayed on bare metal, it leaves a lubricative film that resists oxidation and prevents flash rusting during storage and transit. The product quickly penetrates into working joints to provide protection from moisture and condensation. It actually dries out metal by displacing or creeping under moisture present on parts without affecting electrical characteristics. It is highly effective after floods and in humid conditions. With the increased emphasis on water soluble machining fluids and aqueous degreasing systems, concern has arisen as to the protection of parts and equipment from flash rusting white in storage. A quick dip in 775 Moisture Shield leaves a thin film which will protect for months indoors against dirt, corrosion and finger printing. **Features:**Conforms to Military Specification MIL-C-16173D Corrosion Preventative, Grade 3Clear Transparent FilmMoisture DisplacingExcellent Corrosion ProtectionPenetrates Fine TolerancesHigh Dielectric StrengthNSF H2 – Registration number 134015 (aerosol)**Applications:** Excellent cost effective metal protection for parts in storage or transit. Dries out soaked electrical systems and keeps them dry in moist environments. Excellent for use in the marine industry where moisture is a constant.**Information provided by Chesterton**

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chesterton-775-Moisture-Shield.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.800 g/cc	0.800 g/cc	
Viscosity	1.0 - 2.0 cP @Temperature 38.0 °C	1.0 - 2.0 cP @Temperature 100 °F	ASTM D445, DIN 51 561
Thickness	4.00 microns	0.157 mil	Dry Recommended Film
	23.0 microns	0.906 mil	Wet Recommended Film

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.174	0.174	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	43.0 °C	109 °F	Application Temp
	66.0 °C	151 °F	
Minimum Service Temperature, Air	-29.0 °C	-20.2 °F	
	10.0 °C	50.0 °F	Application Temp
Flash Point	66.0 °C	151 °F	As Received; ASTM D93, DIN 51 755
	149 °C	300 °F	Dry Film; ASTM D93, DIN 51 755

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Processing Properties	Metric	English	Comments
Dry Time	3.00 hour	3.00 hour	
	@Temperature 21.0 °C	@Temperature 69.8 °F	

Descriptive Properties	Value	Comments
Color	Clear, Straw	
Corrosion Protection:	>30 days	100% Humidity, 38°C (100°F)
	>50 days	20% Salt Spray, 35°C (95°F), ASTM B117, DIN 50 021
Coverage	29.5 m ² /l	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China