

Insulating Coating

Insulating Coating is an air-dry, synthetic rubber coating that can be easily applied by spraying, brushing or dipping. Insulating Coating resists moistures, acids, abrasion, weathering, electrical shock, skidding/slipping, corrosion; coats and give a comfortable, controlled, color coded grip to all types of tools, lawn and garden, mechanical, electrical, woodworking, and masonry.

FEATURES:

- Coverage 30 sq. ft. per gallon at 15 mils
- Cured Temperature Use Range -30 to 200F
- 12 Month Shelf Life

BENEFITS:

- Tensile Strength 3,740 psi (ASTM D-638)
- Dielectric Strength 1,400 V/Mil (ASTM D-149)
- Thinner: 22-209, Toluene, or Xylene

Product Availability:

PART No.	DESCRIPTION	SIZE
10-1762	Insulating Coating	2 oz.



UPC: 010151131294

HTS: 3208.90.0000

Country of Origin: USA

**PART No: 10-1762**

PRODUCT SPECIFICATIONS SHEET

<u>CAT NO.</u>	<u>PRODUCT NAME</u>
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10-1762 10-1766	Insulating Coating
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ROHS Compliant and Lead Free

DESCRIPTION:

Insulating Coating is an air-dry, synthetic rubber coating that can be easily applied by spraying, brushing or dipping. Insulating Coating resists moistures, acids, abrasion, weathering, electrical shock, skidding/slipping, corrosion; coats and give a comfortable, controlled, color coded grip to all types of tools, lawn and garden, mechanical, electrical, woodworking, and masonry.

Insulating Coating can also be applied to:

- Wood: seals and protects from weathering and prevents splinters.
- Metal: reduces vibration, deadens sounds, prevents corrosion, insulates electrically and from extreme temperatures.
- Glass: shatterproof glass objects (available in clear).
- Rope/Fabrics: weatherproofs, prevents rotting, and fraying.
- Plastics: protects delicate surfaces from scratches.
- Rubber: weatherproofs, wear resistant.
- Maps: weatherproofs, tear resistant (available in clear).

TYPICAL PROPERTIES:

Viscosity	~ 800-1600cps, 80-100 K.U. @77°F
Tensile Strength	3,740 psi (ASTM D-638)
Ideal Application Temperature	68 to 70F
Cured Temperature Use Range	-30 to 200F
Solids	24% (wt.)
Elongation	430% (ASTM D-638)
Cut Resistance	Very Good (ASTM D-1044)
Stone Abrasion	Excellent (ASTM-3170)
Permeability	.03 grains/sq. ft/hr. (ASTM E-96)
Chemical Resistance:	
Acids, Alkaline, Pollutants:	Excellent
Petroleums:	Limited

Durometer Shore A	70 (ASTM D-2240)
Salt Spray	Passed 1,000 Hours (ASTM B-117)
Weather Ability	(ASTM G-53) 3-5 Years
Coverage	30 sq. ft. per gallon at 15 mils
Dielectric Strength	1,400 v/mil (ASTM D-149)

USE ADEQUATE VENTILATION

INSTRUCTIONS:

All surfaces must be free of all oils, grease, wax and loose rust. A sandblasted or rough surface improves adhesion.

Dipping:

Dilute with GC No. 10-6702 up to 25% as needed. Gently mix before each use. Do not introduce air bubbles. Insert item 1" every 5 seconds. Remove at same rate. Allow 30-40 minutes (dry to touch) dry time before applying additional coats to desired thickness.

Brushing:

Dilute with GC. No. 10-6702 up to 25% as needed. Gently mix before each use. Apply wet overlapping coats using a soft natural bristle brush. Allow 10-20 minutes (dry to the touch) dry time before applying additional coats to desired thickness.

Spraying:

Pressure pot may be used (siphon cup not recommended.) Dilute with GC. No. 10-6702 up to 50% as needed. Gently mix before spraying. Apply wet overlapping coats, holding gun 6"-12" from surface, using 4"-6" pattern. Allow 10-20 minutes (dry to the touch) dry time before applying additional coats to desired thickness. Airless equipment may be used.

Use as described above:

Top Size: .011-.019

Pressure: As needed

Dilution: Up to 505

RECOMMENDATIONS:

A dry film thickness of 12-15 mils is recommended for best results. Approximate dry mil thickness per coat, dipping 6-8 mils; brushing 4-5 mils; spraying 2-5 mils. **Allow 4 hours dry time per coat before use.** Allow overnight drying whenever possible. When using a dip tank, allow 6" minimum from fluid surface to tank top to avoid "skinning over". Avoid excessive air movement, heat or humidity. **Always use proper ventilation and protection.**

THINNERS:

Toluene, VM &P Naphtha, or Xylene.

RECOMMENDED EQUIPMENT AND SETTINGS:

Gun: Blinks Model 95
Nozzle: 63B
Needle: 63A
Material: 20-25psi
Atomization: 15-25psi
Dilution: As needed
Cap: 63PB (up to 50% dilution) or 66S D (up to 50% dilution) for heavier build up.
Clean Up: See recommended thinners

ALTERNATIVE PRODUCTS:

For a water base alternative, see Manufacturers technical data sheet.

ADDITIONAL APPLICATION IDEAS:

Transformers	Cables/Straps	Rope	Wood
Joy Sticks	Circuit Boards	Magnetic	Electrical Boxes
Underground Wiring	Stove/Oven Handles	Fabric	Lacrosse Sticks/Nets
AstroTurf	Food Grade Barrels	Pumps	Crutch Handles
Control Boxes	Relay Electric Wench	Hand Tools	Metal Grates
Sharp Edges	Valves/ Actuators	Curtains	Pulleys and Rings
Clips	Poles/Pipes	Glass	Underground Tanks

SHELF LIFE, CLOSED CONTAINERS:

12 months at 77°F unopened containers