

RS-40VT Extreme Chemical Exposure Finish Coat is a solvent borne fluoroelastomer coating system that has an excellent combination of chemical resistance, flexibility and heat resistance. Based on a combination of Viton® terpolymers and PTFE, it provides primary and secondary containment for many acids and harsh chemicals.

CURED FILM PROPERTIES

PHYSICAL PROPERTIES	VALUES
Tensile Strength (D-412)	1000 psi (70.30kg/cm ²)
Elongation (D-412)	250%
Resistance to 98% Sulfuric Acid	Excellent
Resistance to 35% Hydrochloric Acid	Excellent
Water Permeability	0.0017 perm inch

*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.

PHYSICAL PROPERTIES

PROPERTY	VALUE
Solids, per wight	42
Solids, per volume	22
VOC, lb/gal	5.24
Coverage, 1 mil	350 ft ²
Viscosity, cps.	6000
Wt/Gal, lb/gal	9.07

CURE TIMES

PROPERTY	VALUE
Dry to touch	30
Dry to Recoat	2 hours
Full Cure	10 days
Heat Cure	Required for immersion service. Call RubberSource for instructions.

APPLICATION NOTES:

1. Use application procedure for guidance.
2. Available in Quarts, Gallons and Pails (4 gallons per pail). It should be stored in sealed containers between 55°F (12.77°C) and 95°F (35°C). Shelf life is 12 months in factory sealed containers.
3. Brush or Roll. Use 3/16 to 3/8 inch nap, shed resistance rollers. Generally requires three or four coats for suitable chemical protection.
4. Mix RS-40VT with mechanical mixer. Add pre measured RS-40VT catalyst and mix until uniform.
5. Pot life is 1 after mixing. Higher temperatures will reduce the pot life. Do not mix more material than can be applied in one hour.
6. RS-40VT 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 SDS in its entirety prior to use.
7. Contact your account representative for more information.

APPLICATIONS

- Topcoat over RS-25LC for primary and secondary containment of acids and harsh chemicals.
- Topcoat over elastomers, plastics or metals for chemical resistance.

BENEFITS

- Enhances coatings Chemical Resistant
- High heat resistance
- Reduces corrosion