



Description	S-FSTF-SF3 Is a high-performance conductive silver ink designed to be exceptionally flexible and highly durable, with low resistance at reduced silver pigment loading.	
Features & Benefits	✓ High Flexibility ✓ Low Resistance ✓ Reduced Cure time	✓ Reduced Silver % ✓ Environmentally Stable ✓ Long screen residence time
Uncured Properties	Appearance Viscosity (Brookfield RV w/ SC4-27 spindle) Total Solids Content Shelf Life (storage)	Silver 26,000 CPS @ 25°C @ 6 RPM 56% (+/- 2%) 6 Months @ =/< 21°C
Cured Properties	Electrical Sheet Resistance Theoretical Coverage Flexibility	=/< 0.018Ω/sq/25μm (1 mil) 460 ft ² /gal @ 1 mil 9.48 m ² /Kilo @ 25 μm Minimal resistance change after 5 inward and 5 outward creases
Processing Guidelines	Recommended DFT Screen Type Screen Mesh Emulsion Squeegee Screen Residence Time	5-10 μm Polyester or Stainless Steel 190 to 280 mesh 10-20 μm Capillary Film 70-80 Durometer-Sharp 4 + hours with temp and humidity management

Processing Guidelines (continued)	Curing Conditions	2 min 30 sec @ 140°C or longer at lower temps
	Thinning / Clean-up	DBE-1 / DBE Solvent

Safety and Handling

This product contains organic solvents and materials. The following precautions should be exercised when handling this material:

1. Use with adequate ventilation.
2. Avoid prolonged contact with skin.
3. Avoid prolonged respiratory exposure to vapors.
4. If contact with skin occurs, wash affected area immediately with soap and water.
5. Do not consume – dangerous if swallowed.

NOTE: In handling and using commercial organic solvents, the safety precautions recommended by the solvent suppliers should be observed. A safety data sheet for this material is available upon request.

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