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ENGINEERING DATA SHEET  
FLUOROPOLYMER OVERCOAT FO-120-C

FO-120-C is a transparent modified fluoropolymer coating used for electronic circuit and component protection. This material, when properly cured, yields a chemically inert film which helps to prevent the effects of corrosion, moisture, oxidation, abrasion, and thermal shock.

COMPOSITION PROPERTIES:

Color	Clear
Viscosity*	2-10 Kcps (Brookfield RVT, Spin #7, 20 rpm, 25°C)
Cure Schedule	10 minutes @ 150°C
Service Temperature	-100 to 150°C
Melting Point	> 165°C
Dielectric Constant	8
Thinner	NMP, MEK, or Carbitol Acetate
Shelf Life**	2 months @ 25°C (sealed container)

\* FO-120-C is optimized for doctor blade applications and thinning is not normally necessary. However, thinner may be added, with thorough blending, to replace solvent loss or to make slight adjustments for ease of application. In handling and using organic solvents, the safety precautions recommended in the MSDS should be observed.

\*\* Coating can become slightly gelatinous if stored in a low temperature environment. Gentle warming to between 30-50°C will restore material to its original consistency.

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