

STAR Technology

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FLEX-SEAL Extreme Flexible Epoxy Potting Compound

DESCRIPTION:

FLEX-SEAL Extreme is a room temperature cure NON-DOT-Hazardous flexible potting compound designed for shock sensitive components, and moisture proofing electronic assemblies and sub-assemblies. The low mixed viscosity of FLEX-SEAL Extreme make intimate wet out possible. FLEX-SEAL Extreme bonds easily to metal frames and lead wires.

PHYSICAL PROPERTIES:

Part A:	
Color:	Black
Viscosity (cps):	5,000
Specific Gravity (g/cc):	1.00
Part B:	
Color:	Clear
Viscosity (cps):	5,000
Specific Gravity (g/cc):	1.12
Mixed Viscosity (cps):	5,000
Cured Color:	Black
Mix Ratio by volume:	2:1
Gel Time [100g mass] (minutes):	20
Shore A Hardness:	35
Tensile (psi):	1300
Elongation (%):	500
Shrinkage (%):	0.8
Weight Loss [150°C, 6 hours] (%):	<1
Service Temperature:	80°C

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