



Product Information

GP-558 CONFORMAL COATING

Genesee Polymers' *GP-558 CONFORMAL COATING* is a silicone polymer solution in toluene and isopropyl alcohol that can be used to encapsulate electronic components. *GP-558* is applied by dipping, spraying, flow coating or brushing, followed by heat curing at 110° C (230° F) for one hour. Best results are obtained by allowing solvent to evaporate at room temperature, followed by heating to effect curing. The resulting clear, elastomeric film shows excellent heat stability and flexibility, providing protection from moisture, weathering and vibration to encapsulated components.

GP-558 CONFORMAL COATING is a ready to use product requiring no curing additives.

| TYPICAL PROPERTIES | |
|------------------------|---------------------------------|
| Appearance | Colorless, Slightly Hazy Liquid |
| % Active Ingredient | 35% |
| Viscosity, 25° C | 12 cSt |
| Specific Gravity | 0.91 |
| Weight/Gallon | 7.6 lbs. |
| Flash Point (P.M.C.C.) | 86° F |

INNOVATIVE POLYMER TECHNOLOGY

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| APPLICATIONS |
| Electronic Component Encapsulation |

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| SPECIAL FEATURES |
| Excellent Film-Forming Properties Flexible Over Wide Temperature Range Weather and Heat Resistant Good Release Properties Contains Reactive (Curable) Silicone Polymer Heat Curable (one component formula) |

PROCESSING AND SAFETY GUIDELINES

Genesee Polymers' *GP-558 CONFORMAL COATING* is flammable. Use with adequate ventilation, and avoid contact with skin and eyes.

Consult Safety Data Sheet for details.

PACKAGING/HANDLING/STORAGE

GP-558 CONFORMAL COATING is supplied in 5-gallon (35 lbs.) pails and 55-gallon (400 lbs.) drums.

Moisture Sensitive. Do not store above 90° F. Keep containers tightly sealed.



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