



Freeman FL 50 Silicone Fluid

Description

Freeman FL 50 Silicone Fluid is a polydimethylsiloxane fluid used to reduce the viscosity of silicone rubber systems and silicone sealants. Adding FL 50 Silicone Fluid to the "A" side (base) will also slightly reduce the hardness of the rubber. Maximum usage should not exceed 10% by weight.

FL 50 Silicone Fluid may also be used as an ingredient in a variety of applications including mold release agents, paint additives, cosmetics, polishes, wax polishes, lubricants, and anti-foams.

Physical Properties

Color	Clear
Viscosity, Mixed (cps)	50
Density (g/cc)	0.96

Example Characteristics

Silicone System	Percentage of Freeman FL 50	Viscosity (cps)	Gel Time (minutes)	Hardness (Shore A)
V-340 / CA45	0%	53,500	90	46
V-340 / CA45	3%	35,500	100	43
V-340 / CA45	6%	25,000	105	39
V-340 / CA45	10%	18,500	112	33

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT