Technical Data Sheet

www.silfluosilicone.com

Silfluo LF-AM11 and LF-AM12

Alkyl and Alkyl Aryl Silicone Fluids

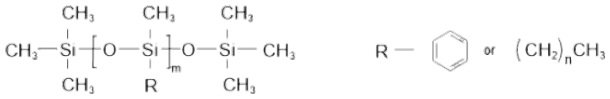
Description:

Silfluo LF-AM11 and LF-AM12 are modified silicone fluids for mold release, lubrication and coating formulations. LF-AM11 is long-chain alkyl-modified; LF-AM12 is long-chain alkyl aryl-modified. Both provide lubricity, water repellency and paintability/printability.
Performance equivalent to Dow OFX-0203.

Typical Physical Properties

Silfluo Code	LF-AM11	LF-AM12
Appearance	Colorless transparent liquid	
Modification	Long-chain alkyl	Long-chain alkyl aryl
Solids Content (%)	≥99	≥99
Kinematic Viscosity (25°C, cSt)	500–1500	1000–4000
Specific Gravity (25°C)	0.880–0.910	0.910–0.940

Chemical Structure:



Applications:

1. Mold release
Used in release formulations for molded products, including parts that undergo painting or printing.
2. Coating additives
Used as silicone components to improve slip and water repellency in coatings.
3. Lubricant formulations
Used as lubricants or lubricant additives to provide silicone lubricity in industrial formulations.

Packing

25 kg or 200 kg plastic drums, 200 kg plastic-lined steel drums, and 1000 L IBCs.

Safety and Storage

Shelf life: 24 months from the date of manufacture in original unopened containers at room temperature.
Transport as non-dangerous goods.

The offered information of this docs is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer' s tests to ensure that our products are fully satisfactory for end use. Suggestions of use shall not be taken as inducements to infringe any patent. Please confirm with us prior to any problems.