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SILICONE EMULSION 35%

ArroChem's Silicone Emulsion 35% is a water-based emulsion formulated to provide a versatile and effective silicone coating for various surfaces. It contains 35% silicone content, which imparts excellent water repellency, lubricity, and protective properties.

General Characteristics:

Appearance:	Milky white liquid
Chemical Composition:	Silicone-based polymer emulsion
Solubility in Water, 25°C:	Soluble
Viscosity:	500-2000 cSt (centistokes) at 25°C
Specific Gravity:	0.97 - 1.03 g/cm ³ at 25°C



APPLICATION:

Silicone Emulsion 35% finds wide application across various industries due to its unique properties. Some common uses include:

- **Water Repellent Coating:** It can be applied on fabrics, leather, paper, and other porous substrates to impart water repellency, making them resistant to water and moisture.
- **Mold Release Agent:** Due to its non-stick properties, it is used as a mold release agent in rubber and plastic molding processes, preventing adhesion and facilitating easy demolding.
- **Lubricant:** It acts as an effective lubricant for various applications, such as in the textile industry, reducing friction and improving the smoothness of fibers.
- **Surface Protectant:** Silicone Emulsion 35% can be applied on surfaces like metals and plastics to form a protective layer against environmental factors, preventing corrosion and enhancing durability.