

Silo E 40



Silicone-Water-Emulsion

An emulsion of silicone oil in water. Due to its good release properties, good water repellency and high temperature resistance, there are numerous areas of application in the rubber and plastics industry, in foundries, in the textile, food and cosmetics industries. It is used as a release agent and lubricant for plastics such as thermosets and thermoplastics, e.g. in injection molding. Also proven in metal die casting and in Croning processes. Textile fibers can be impregnated or their sliding properties can be improved. In the printing and paper industry, for example, sliding surfaces can be treated using the Clupak process.

Characteristics

- high temperature resistance
- water refusing
- high viscosity index
- non toxic
- harmless to health
- low surface tension
- non-ionic

Applications

- as release agent in metal casting, die casting, forging, pressing
- for increasing the gloss and the surface protection improvement of plastic parts
- as release agent for plastic and rubber molds, foams, and latex
- as sliding agent to plastics, in printing or textile industry
- as release agent for plastic molds
- as lubricant for rubber, latex, and plastics
- as release agent for knives in paper and carton industry
- for the rolling of aluminum foil
- as sliding and lubricant for mobile parts such as measurers and cuts

Technical Datas

Color		transparent
Density 40°C	kg/m ³	1000
Flash Point COC	°C	no
Content silicone	%	40
Pack Size can 5 l		+
Pack Size drum 200 l		+

For further information, please see our website <https://www.solano-industries.com/en/>