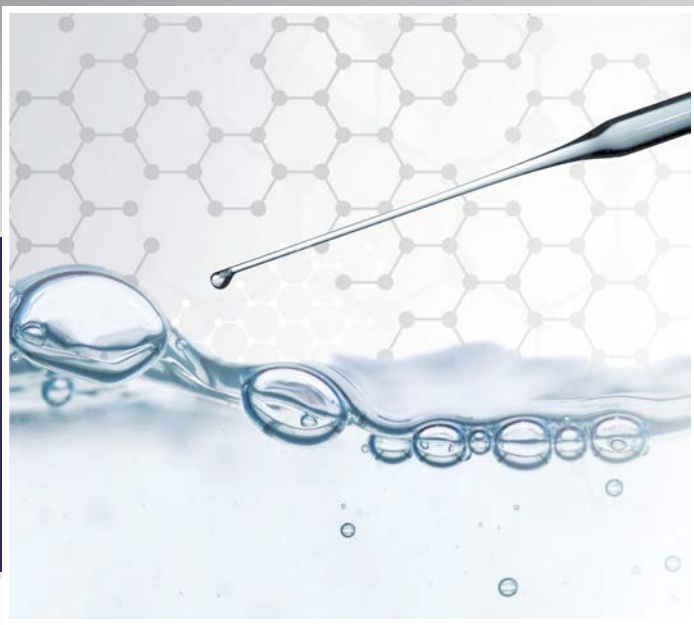


# BIO-SIL

## Antifoams & Emulsions



### BIO-SIL PE35

### PRINTERS EMULSION

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## TECHNICAL DATA SHEET

Date: 24/06/2022

### PRODUCT DESCRIPTION

BIO-SIL PE35 is a non-ionic 35% emulsion of silicone, primarily formulated as a lubricity aid and anti-smearing additive for offset printing machine and folding bars (correct dilution ratio dependent). BIO-SIL PE35 exhibits excellent stability and performance over wide pH and temperature ranges. Unlike 100% active, oil based release agents, BIO-SIL PE35 is non-tacky and easily removed by use of detergents and solvents. The good surface wetting and slip properties are unaffected by the addition of water. BIO-SIL PE35 has enhanced slip performance and its low viscosity allows for ease of use with automated dosing systems.

### COMMON AREAS OF USE

- Print Industry
- Conveyer belts where high tack is undesirable
- Newspaper printing and folding
- Where excellent lubricity in offset printing is required
- Magazine printing and folding

### TYPICAL SPECIFICATIONS

*Silicone content	35%
* Specific gravity	0.98 – 1.00
*Viscosity	< 100 mPa.s
Surfactant	Non-ionic
Packaging	25kg Containers
	200kg Drums
	1000kg Containers

\*Typical product data values should not be used as specifications  
Material Safety Data Sheets are available upon request

### LEGAL DISCLAIMER

Each user bears the full responsibility for making its own determination as to the suitability of Supplier material, products, services, recommendations or advice for its own particular purposes. Each user must identify and perform test and analysis sufficient to assure its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of Supplier, such use is within the exclusive responsibility of the user, and supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any material product, service or design is intended or should be construed to grant any license under any patent or other intellectual property right of Supplier or any of its subsidiaries or affiliated companies, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

### PLEASE NOTE

The warranted shelf life is 12 months untested, if stored in original unopened containers at temperatures between 2°C and 39°C. Emulsions have the tendency to separate when stored for extended periods; this does not indicate shelf life failure, after mild agitation this emulsion will still perform effectively.