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BIO-SIL RANGE OF Emulsions

	Description					
	SRE 20 FG	SRE 35	SRE 35PA	SRE 60	SRE 60 HG	PE50
	Food Grade 20% active silicone emulsion formulated for use in the food industry. Low viscosity allowing penetration into chain pins and rollers for efficient lubrication of moving machine parts.	35% active silicone emulsion formulated as a lubricity aid and anti-smearing additive with good surface wetting and slip properties.	35% active silicone emulsion with anti-static additives formulated as a lubricity aid and anti-smearing additive for off set printing machine and folding bars.	60% active silicone emulsion formulated as a lubricity aid and anti-smearing additive for offset printing machine and folding bars Compatible with most plastics; shows water repellency at higher usage levels; imparts shine.	60% active emulsion of medium to high viscosity silicone fluid and wax, formulated to impart higher gloss in polish formulations. Also suitable as a lubricity aid and anti-smearing additive for offset printing machine and folding bars.	50% active silicone emulsion with wax and anti-static additives formulated as a lubricity aid and anti-smearing additive for offset printing machine and folding bars, with enhanced slip performance.
Ionicity	↕	⊖	⊕	↕	↕	⊕
SG	0.98 - 1.00	0.98 - 1.00	0.99	0.98	0.98	0.98 - 1.00
pH Range	5.5 - 7.0	3.5 - 6.5	3.5 - 6.5	4.5 - 7.0	4.5 - 7.0	4.0 - 6.0
Viscosity (mPas)	<500	500 - 1500	500 - 1500	1050 - 1450	1000 - 1500	<300
Conveyer belts and bearing	✓	×	×	×	×	✓
Conveyer chain lubricant	✓	×	×	×	×	×
Food and candy machinery	✓	×	×	×	×	×
Non-stick coating	✓	×	×	×	×	×
Areas of direct food contact	✓	×	×	×	×	×
Mold release	×	✓	×	✓	×	×
Polish formulations	×	✓	×	✓	✓	×
Paper coatings	×	✓	×	×	×	×
Magazine print/folding	×	✓	×	×	×	✓
Newspaper printing and folding	×	×	×	×	×	✓
Print industry where static is a problem	×	×	✓	×	✓	✓
Conveyer belts where tack and static are undesired	×	×	✓	×	×	×
Plastic & rubber industry	×	×	×	✓	✓	×
Glass fibre & mineral wool industry	×	×	×	✓	✓	×
Offset printing	×	×	×	✓	✓	✓

⊖ Anionic ↕ Non-ionic ⊕ Cationic

*Typical product data value should not be used as specifications. Technical Data Sheets and Material Safety Data Sheets are available upon request.

All products show stability and performance over wide range of pH & temperatures. They are non-tacky and easily remove by the use of detergents and solvents. The activity is unaffected by dilution with water. Available in 25kg containers, 200kg drums and 1000kg containers with a stable shelf life of 12 months if stored in at temperatures between 2°C and 25°C.