

Technical Data Sheet

STRUKTOL® VP 5289

Lubricant for rubber profiles

Composition

Reactive prepolymers

Properties

Appearance		colourless liquid
Density at 20 °C	[kg/m ³]	950
Flash point	[°C]	76
Physiological behaviour		refer to safety data sheet
Packing		20 kg can, 200 kg drum, 950 kg IBC
Storage stability		at least 24 months in original-sealed containers at transport and storage temperatures till 30 °C Attention: Protect from frost!



Application Recommendation

STRUKTOL® VP 5289 is a permanent lubricant for rubber profiles of any rubber composition. It forms a slipping film on the rubber surface and thus eases assembling.

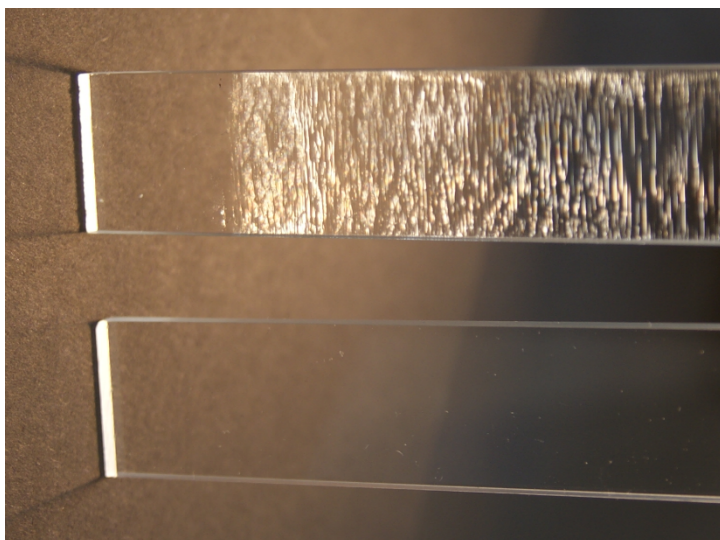
After vulcanisation of the rubber profile the lubricant can be applied either by spraying, brushing or preferably by dipping. Curing of the lubricant STRUKTOL® VP 5289 is excellent so that the surface of the profiles are covered all over with the lubricating film. After a short drying period the profile can be rolled up. The lubricating effect is available directly after coating and also at later processing.

The formed lubricating film makes the surface sleek without greasing. The sliding friction achieved is strongly reduced compared to untreated and other standard assembling aids.

The characteristic of strong greasing of silicone emulsions, which are used in this area, does not occur when using STRUKTOL® VP 5289. The surface feels dry.

STRUKTOL® VP 5289 was tested by us regarding tension cracking according to the method "Prüfung der Spannungsrissbildung im Biegeversuch an Röhm-Halbzeugen" (Röhm stress corrosion test). This certification is based on these requirements.

It doesn't cause any stress corrosion on polymethyl methacrylat (e.g. Plexiglas®) and polycarbonate (e.g. Makrolon®).



Upper bar

Significant stress corrosion by use of classical slip additives.

Lower bar

No stress corrosion by use of STRUKTOL® VP 5289.

STRUKTOL® VP 5289 is also used for the manufacture of self-cleaning glasses. Amongst others, Saint Gobain and Pilkington recommend the use of STRUKTOL® VP 5289 for their products.

The lubricating film resulting from STRUKTOL® VP 5289 is harmless and neutral. It does not react with steel flooring, sheet metal, polyester or polyurethane coating, PVC foil or other materials commonly used when assembling of doors and windows.





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