

PRODUCT DATASHEET | P20 FOODSAFE



PREMSIL
PREMIUM SILICONE

PremSil P20 FoodSafe is a closed cell silicone sponge with a smooth outer skin, compliant to FDA 21 CFR 177.2600 extraction tests sections e & f. It has a medium density for multipurpose applications, excellent temperature resistance and a good compression set <15%, making it great for sealing applications. P20 FoodSafe proves a cost effective solution for many food contact applications.

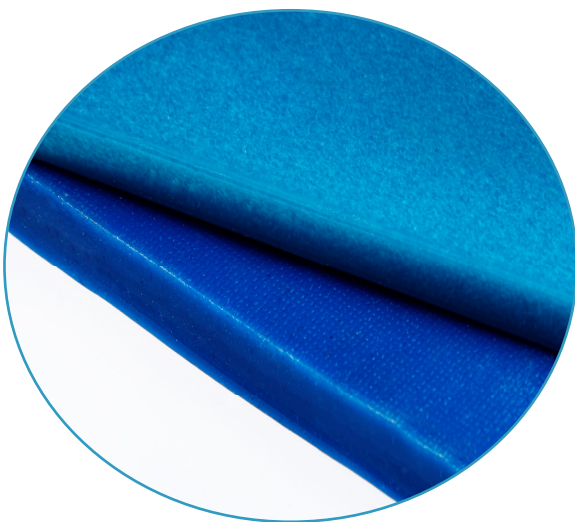
FOODSAFE vs. FDA: P20 FoodSafe offers an alternative solution to many food & beverage applications. It passes migration tests outlined in FDA 21 CFR 177.2600 sections e & f, deeming it safe to be used in contact with food stuff. P20 FoodSafe does not, however, contain only ingredients approved by FDA 21 CFR 177.2600 sections a-c. End users should therefore ensure it is a suitable solution for the intended use. If a fully FDA approved product is required, PremSil P201F FDA meets all necessary requirements.

SIZES: Standard profiles available from 2mm to 75mm. Bespoke profiles may differ depending on shape.

OPTIONS: Available as sections, bespoke profiles, cord, tubes, O-rings

APPLICATIONS:

PremSil P20 FoodSafe is a cost effective solution for indirect food contact applications and perfectly suited to high and low temperature sealing applications.



| TECHNICAL DATA | VALUE | TEST |
|---|----------------------------|------------|
| Appearance | Various colours | - |
| Density | 300kg/m ³ (±50) | ASTM D1056 |
| Compression force deflection @ 25% strain | 50 kPa | ASTM D1056 |
| Compression set @ 70°C, 22 hrs | 15% | ASTM D1056 |
| Temperature range | -50°C min +200°C max | |

All testing undertaken on a 12.7mm (1/2inch) thick sample. Samples post cured for 4 hours at 200°C

Compression set and density may vary depending upon product size and thickness.

Size tolerance to ISO 3302-1: 2014

Please note our information is based on lab tested samples.

Technical data is provided in good faith, but without warranty. End users should check to ensure our products are suitable for their intended use.

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