



SILTECH 4000

PU FOAM

TECHNICAL DATA SHEET

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SILTECH 4000 is expanding polyurethane foam that can be used to fill bonds, insulate and seal. The 500ml can makes 27 litres of foam while the 750 ml can makes 42 litres of foam respectively. The product demonstrates high foam stability and does not shrink.

Property	Unit	Value
Colour	Visual	Off white - Cream
Density	g/cm ³	1.64 ± 0.03
Droop	Mm	≥0.10
Surface dry time	Hours	≥0.30
Drying speed	2mm/h 4mm/h	18 – 20 40 – 42
Elastic recovery ratio	%	24 (depending on bead size, 25°C @ 50% RH)
Tensile modulus (100%)	MPa	> 100
Mass loss rate	%	30 - 40
Tensile strength	MPa	15 – 60
Elongation at break	%	24
Application temperature	°C	29
Temperature resistance	°C	-20 to +70

Testing Standard: GB/T14683-2003

- Actual drying times depends on wind, humidity, temperature and film thickness
- High humidity or low temperature and heavy films extend drying times
- To determine if primer is required, sample should be tested
- Primer selection is dependent on substrate

PRECAUTIONS

Take the usual industrial hygiene precautions. Wear gloves and safety goggles. Remove cured foam by mechanical means only, never burn away. Use in a well-ventilated area and don't smoke.

HANDLING SAFETY AND STORAGE

SILTECH 4000 material safety data sheets are available on request. This product should be stored out of the reach of children and in a dry place below 25°C. Shelf life is 12 months if stored in original sealed container, please consult details printed on cartridge.

PACKAGING

SILTECH 4000 is available in 500ml and 750ml aerosol cans.

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 perform test to determine whether analysis is 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.



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