

# FLEX-SIL

Flexible 2-Ply Woven Glass Cloth Silicone Composite



Associated Gaskets

*FLEX-SIL* comprises two layers of premium welding grade fibreglass cloth. Each cloth layer is impregnated from both sides with a durable high strength white silicone rubber elastomer. A final layer of silicone is placed between the two coated cloths which are then fully vulcanised to form a robust fully homogeneous gasket material.

<i>Properties</i>	
Colour / Appearance	White
Base Fabric	Fibreglass
Weight Base Fabric	1100 gms/m <sup>2</sup> per layer
Total Thickness	4mm
Roll Width	1500mm
Temperature Resistance	
Base Cloth	540° C continuous
Silicone Elastomer	260° C continuous
Abrasion Resistance	Excellent
Sunlight / Aging Resistance	Excellent
Chemical Resistance	Very Good (Refer Below)
Electrical Insulation	Excellent
Ozone and UV Resistance	Excellent

*FLEX-SIL* is an extremely robust and durable all round gasket material suitable for use as gaskets, expansion joints, insulation strips, oven door seals, and exhaust stack gaskets. *FLEX-SIL*'s flexibility and conformability make it especially suitable for use on worn and uneven flanges. *FLEX-SIL* offers good resistance to most organic and inorganic chemicals, solvents and oils but is not recommended for use with fuels, hydrocarbons, and fuel oil. *FLEX-SIL* does not support the growth of mould or mildew, remains flexible from minus 20°C to 260°C.

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