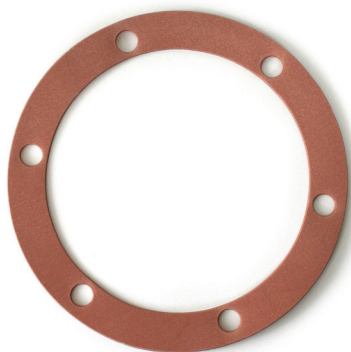


SGC 1400

RESTRUCTURED PTFE GASKET MATERIAL



Service Limits

TYPE	VALUE
Temperature	260°C / 500°F
pH Range	0-14
Pressure	85 bar / 1230 psi
Color	Pink / Fawn

SGC 1400

SGC 1400 is a restructured PTFE Gasket Sheet manufactured by a unique process which provides a high fibrillation level to overcome the creep relaxation and cold flow problem associated with skived PTFE. This style is produced with virgin PTFE resin filled with Silica.

Features

- Superior chemical resistance
- Excellent resistance to deformation
- No ageing
- High Compressibility
- Superior Sealability for a wide range of P & T
- No water absorption
- Non-flammable
- Easy maintenance (Assembling/ disassembling)
- Complies with FDA specifications
- Certified by BAM (200°C, 25 bar)

Uses

- **Chemical & Petrochemical Industry**
Heat exchangers
Piping
Flanged fittings
Valves
Pumps
- **Food & Pharmaceutical Industry**
Flat Seals
Centrifuges

Properties

PHYSICAL - MECHANICAL

	Unit	Method	Data-Moulded
Density	g/cm ³	ASTM D792	2.18 - 2.22
Max P x T	bar x °C	/	12,000
Max pressure	bar (PSI)	/	85 (1230 psi)
Compression modulus at room temp. -20 MPa KRW	%	DIN 28090-2	8
Creep Relaxation at room temp. 1 MPa KRW	%	DIN 28090-2	3
Compression modulus 150°C - 20MPa - 16 hours WSW	%	DIN 28090-2	15
Creep Relaxation 150°C - 1 MPa - 16 hours WRW	%	DIN 28090-2	4
Recovery	mm	DIN 28090-2	0,07
Leakage Rate	mg/(s-m)	DIN 28090-2	< 0,001
Leakage Rate with Nitrogen	cm ³ /min	DIN 3535	0,02

SEALS • GASKETS • PACKING • COMPONENTS

D&D ENGINEERED PRODUCTS INC.

5511 TOMKEN RD. UNIT#1 MISSISSAUGA, ON L4W 4B8

t 905.602.2033 f 905.602.2034