



Sanbra®

Solar Fibre Washer Product Code: 774042

General Properties

- Excellent creep resistance
- Good steam resistance
- Resistant to oils, fuels, hydrocarbons etc.
- WRc approved for use in hot and cold potable water
- Fire-safe
- 3xA anti-stick finish on both sides

Tests and Certifications

- BS 7531 Grade X
- Fire safe BS 5146
- WRc Approval
- DIN-DGVW 92.01e052
- BAM U W28 for use with oxygen 100 bar / 85°C
- KTW C55/94.Stf
- SVGW 92-149-7
- Germanischer Lloyd 98953-97HH

Typical Specifications

Compressibility ASTM F 36 A		11%
Recovery ASTM F 36 A		50%
Stress Relaxation DIN 52913	50MPa, 16h/300°C	35MPa
Stress. Relaxation BS 7531		31MPa
Cold/Hot Compression (50MPa)	Thickness decrease 23°C	8%
	Decrease at 300°C	11%
Gas leakage according to DIN 3535/6		<1.0ml/min
Chlorides (soluble)		150ppm
Thickness increase after fluid	Oil nr.3:5h/150°C	3%
Immersion ASTM F 146	Fuel B: 5h/23°C	5%
Density.		1.55g/cm³
Average surface resistance	R _{oa} {xE10}	6.8Ω
Average specific volume resistance	p _d {xE11}	1.2 Ω cm
Average power factor		15.2 kV/mm
Average dielectric strength	1 kHz, ca. 3mm thick	0.05 tan
Average dielectric constant	1 kHz, ca.3mm thick	6.4
Heat conductivity		0.42W/mK

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