



DIRECT GASKETS LIMITED
UNITS 26 - 36
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GRAPHITE STAINLESS SHIM

DESCRIPTION

Shim is a graphite laminate which is reinforced with a 316 stainless steel foil. The thickness of this foil is 0.1mm. The graphite and foil insert are adhesively joined together, the adhesive is chloride-free. It's colour is a silver/grey finish.

SERVICE

Used for a wide range of applications including: steam sealing, for use with most chemicals and extremely easy to cut. Often used with thin flanges due to it's easiness to cut.

Max recommended temperature : OPERATING 400°C

Max recommended pressure : 80 BAR

These temperature and pressure guides cannot necessarily be used simultaneously and may not apply to all thicknesses.

APPROVALS/COMPLIANCE

BAM - Oxygen approved

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION



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Thickness		1.5mm
Density		1.0 g/cc
Insert Thickness		0.1mm
Compression	ASTM F36J	42% to 50%
Recovery	ASTM F36J	15%
Residual Stress	BS7531 40N/mm ² @ 300°C	35 MPa
Gas Leakage		<1.0 ml/min
Ash Content		1.0% max
Chloride Content		45 ppm max

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