



DIRECT GASKETS LIMITED
UNITS 26 - 36
DANSOM LANE SOUTH
HULL
HU8 7LA



TELEPHONE: 01482 219655
FAX: 01482 321162

EMAIL: info@direct-gaskets.co.uk
WEBSITE: www.direct-gaskets.co.uk

RGS1 - GRAPHITE NICKEL SHIM

DESCRIPTION

RGS1 is a high purity graphite laminate which is reinforced with a nickel foil. It's colour is a silver/grey finish. 98% pure graphite foil and 13 micron pure nickel foil.

SERVICE

General service material and steam sealing, for use with most chemicals (not strong oxidisers) and extremely easy to cut.

Max recommended temperature : OPERATING 370°C

Max recommended temperature : OPERATING STEAM 200°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

ASME B16.5 up to and including 600

PN pressure rating up to and including PN100

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION



DIRECT GASKETS LIMITED
 UNITS 26 - 36
 DANSOM LANE SOUTH
 HULL
 HU8 7LA



TELEPHONE: 01482 219655 EMAIL: info@direct-gaskets.co.uk
 FAX: 01482 321162 WEBSITE: www.direct-gaskets.co.uk

RGS1 - GRAPHITE NICKEL SHIM

Thickness		1.5mm
Density		1gcm ³
Compression	ASTM F36A	45%
Recovery	ASTM F36A	45%
Residual Stress	BS7531	39MPa
Tensile Strength	ASTM F152	7MPa
Leachable Chloride Ion Content		< 50ppm
Leachable Fluoride Ion Content		< 50ppm

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION