Units 3-6
Goldingham Hall
Bulmer, Sudbury
Suffolk CO10 7ER
UK

Tel: +44(0)1787 880433
Fax: +44(0)1787 880442
www.easeals.co.uk

Specification Sheet

Non-Asbestos Fibre Grade AF-202 – Green
General Purpose Jointing

Typical Applications:

Non-Asbestos fibre grade AF-202 is used for the production of flat gaskets working in temperatures, pressures and environmental ranges in accordance with the table in the second sheet of the material specification. The sheet is designed for sealing purposes in low pressure and temperature applications. It is specially recommended for oil-fired heating systems.

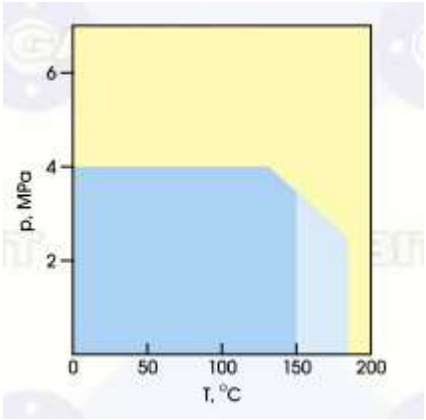
Material makeup:

The material is made of a mixture of mineral and Kevlar® aramid fibres and fillers bonded with an NBR binder.

Appearance:

The material surface is smooth without cracks, indentation, breakages or blisters.
Dimensions and tolerances are shown on page 2.
Basic physical and usage features are included in the table on page 2, for full chemical resistance please ask for further information.
Normally a Mica flake anti-stick surface is applied to this sheeting, however Graphite can be used where requested.

Operating Area:



The graph opposite represents the safe operating zone for this material, basically within temperatures up to 150°C and pressures up to 4Mpa.
The material may perform adequately well beyond these limits; however, we suggest you contact us first before testing for our technical department to assist and advise.

ISO 9001 REGISTERED FIRM

Registered in England and Wales. Reg No. 4512847
Reg No. GB15028 VAT Reg No. GB 799 00953 61

keeping industry working
EAST ANGLIAN SEALING COMPANY

Units 3-6
Goldingham Hall
Bulmer, Sudbury
Suffolk CO10 7ER
UK

Tel: +44(0)1787 880433
Fax: +44(0)1787 880442
www.easeals.co.uk

Specification Sheet

Classification according to DIN 28091-2 FA-AM1-0

Approvals / Admissions / Certificates

TA Luft (VDI 2200)
GOST R
UDT

Green Non-Asbestos Grade AF-202 General Purpose			
Maximum Operating	**Peak Temperature:**	°C	200
	Continuous Temperature	°C	180
	Continuous Temperature with steam	°C	150
	Pressure	Mpa	4Mpa
	Media: water, steam, paraffin oil, solvents, fuels, saline solutions of weak acids and bases.		
Method and type of test			
Physical and Chemical Features	Density ± 5%	g/cm3	2
	Tensile strength cross fibre minimal value	Mpa	6
	Compressibility at 35Mpa / 20°C	%	7-15
	Elastic recovery / 20°C minimal value	%	40
	Endurance on compressing	Mpa	60
	Thickness increase of material:		
	In distilled water - Maximum value	%	4
	In Type No. 3 oil (150°C /5hr)	%	12
Colour			Green/Green
Standard thickness (mm)	0.5, 0.8, 1mm	%	±10
	1.5, 2 , 2.5, 3mm	mm	±0.10
	4, 5, 6mm ± 0.15	mm	±0.15
Thickness above 4mm are laminate glued			
ASME Coefficient Factors at 1.5mm, tightness class L1,0		Y	2MPa
		M	2.0
ASME Coefficient Factors at 1.5mm, tightness class L0,1		Y	3.3MPa
		M	4.3
Sheet Size		Standard 1500x1500, 1500x3000 special	

Values in the table above are based on gasket sheets with a thickness of 2mm except where stated otherwise.
Wire reinforced version of this material is also available.

ISO 9001 REGISTERED FIRM
Registered in England and Wales. Reg No. 4512847
Reg No. GB15028 VAT Reg No. GB 799 00953 61