



DATA SHEET

GOODLERIT ECO-GFM steel

Composition

Non-asbestos compressed jointing sheet made of Aramid Fibre, Mineral Fibre, High quality NBR and wire reinforced. With graphite impregnation on both sides.

Applications

Oil resistant. For medium to high loadings, excellent thermal, chemical & mechanical properties. Resistant to water and gases.

Formats

Sizes : 1500 mm x 1500 mm (tolerance \pm 50 mm)
 Thicknesses: from 0,8 to 5 mm (tolerance in thickness \pm 10%)

Characteristics

Density			1.70 - 2.10	gr / cm ³
Compressibility	ASTM F36A		5-15	%
Recovery	ASTM F36A	-	50	%
Max.peak Temp,			500	° C
Max. Continuous Temp.			250	° C
Max. Operating pressure			120	Kg / cm²
Tensile Strength				
	ASTMF152	-	10	N / mm ²
	DIN52910	-	7	N / mm ²
Ignition Loss	DIN 52911	m	30	%
Sealability Against Nitrogen	DIN 3535	m	0,5	cm ³ / min
Fluid absorption				
Increase in thickness				
* in ASTM Oil N.3	ASTM F146	m	10	%
* in Fuel B	ASTM F146	m	10	%
* in water	ASTM F146	m	7	%
Increase in mass				
* in ASTM Oil N.3	ASTM F146	m	10	%
* in Fuel B	ASTM F146	m	10	%
* in water	ASTM F146	m	15	%
Stress Resistance				
16 h 300 °C	DIN 52913		~ 23	N/mm ²
16 h 175 °C	DIN 52913		~ 30	N/mm ²

