



PRELIMINARY DATA SHEET

Material description	Asbestos free gasket material, Aramid fibre based with NBR binder. High conformability with good oil and fuel resistance. Colour: yellowish green		
Typical applications	Soft gaskets e.g. valve cover, oil pan, gearbox, preheating chamber, housing cover and water pump.		
Typical physical properties	Thickness	mm	0.3-2.0
	Density	g/cm³	1.35-1.65
	Max. temperature	°C	350
	Max. pressure	bar	25
	Compressibility ASTM-F 36-J	%	10-16
	Recovery ASTM-F 36-J	%	>50
	Tensile strength DIN 52 910 cross grain	MPa	*
	ASTM-F 152 cross grain	MPa	*
	Stress relaxation DIN 52 913 50MPa 16 h/300°C >0.5mm	MPa	>20
	Ignition loss DIN 52 911	%	<35
	Thickness/weight increase after fluid immersion ASTM-F 146		
	ASTM-Oil IRM 903 Thickness	%	≤10
	(5h/150°C) Weight	%	≤20
	ASTM Fuel B Thickness	%	≤10
	(5h/20°C) Weight	%	≤20
	Water-glycol Thickness	%	≤10
	(1:1.5h BP) Weight	%	≤20
Availability	Sheet dimensions 4065 x 1540	mm	+/- 50
	Thickness: 0.3 – 2.0 mm	%	+/- 10

*Values depending on thickness

Thickness (mm)	DIN 52910 (MPa)	ASTM F 152 (MPa)
0.3	>7.5	>9
0.5	>7.5	>9
0.8	>9.0	>11
1.0	>9.0	>11
1.2	>9.0	>11
1.5	>9.0	>11
2.0	>9.0	>11

All information is based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behaviour in gasket joint. The data may not, therefore, be used to support any warranty claims. This edition cancels all previous issues. Subject to change without notice.

