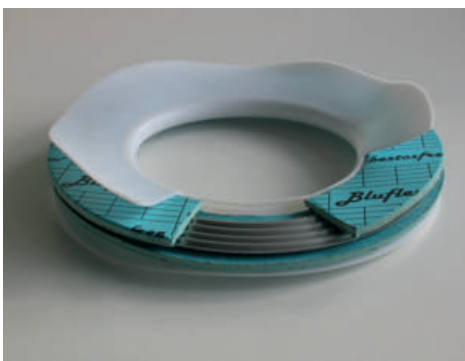
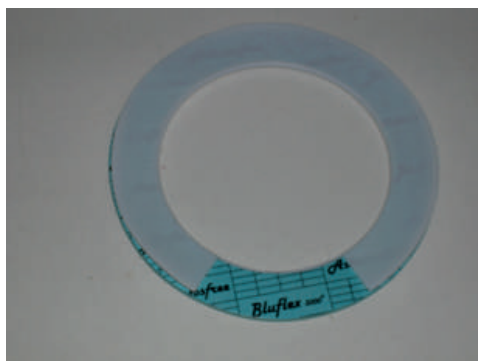


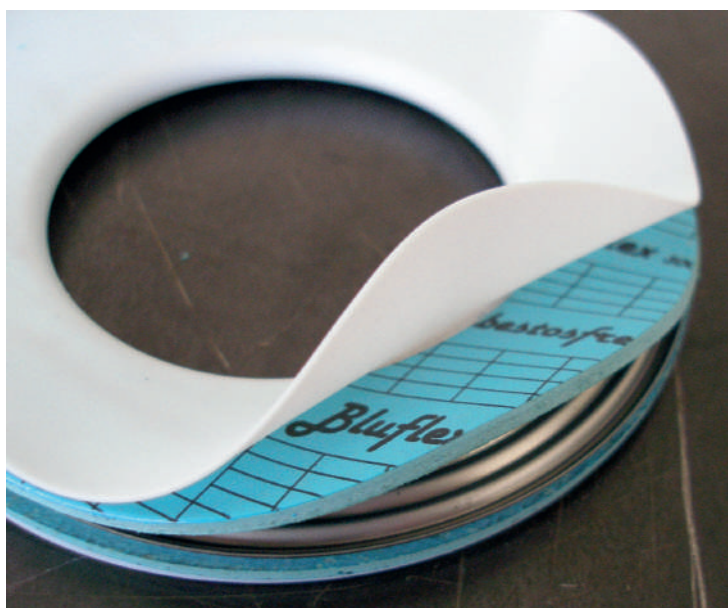
Bluflex 3000®

is a non-asbestos high quality gasket sheet composed by aramide fibres and mineral bonded with NBR rubber .



APPLICATIONS:

BLUFLEX 3000® is universal material suitable for general use: water, steam, salt solution, weak acid, alkalis , natural gas and hydrocarbons



TYPICAL PROPERTIES:

BLUFLEX 3000® thanks to his characteristics of softness, flexibility and compressibility/recovery is ideal to be used as per asbestos-free insert into the PTFE envelope gaskets.

AVAILABLE SIZE:

BLUFLEX 3000® is available in sheets size 1500mmx1500mm and 1500mm x 3000mm, tolerance +/- 30mm;

Available Thickness

0,5/1,0/1,5/2,0/3,0/4,0/5,0/6,0mm , tolerance +/-10% .

PROPERTIES	TEST METHOD	UNITS	VALUE
Colour			BLUE
Working Temperature(*)		°C	- 40 / +220
Max Temperature for a short time(*)		°C	330
Max Operating Pressure(*)		bar	100
Density	DIN 3754	gr/cm3	2,0 +/-0,1
Compressibility (at 35 Mpa / 20°C)	ASTM F36	%	> 8
Recovery (at 20°C)	ASTM F36	%	> 50
Tensile Stenght	DIN 52910	Mpa	> 7
Compression resistance	DIN 28091-2	Mpa	> 90
Material thicness increasing (max. value)			
in distilled water	ASTM F146	%	< 2
in sample oil no.3 (at 130°C for 5h)	ASTM F146	%	< 12
in sample fuel B (at 20°C for 5h)	ASTM F146	%	< 9
Gas permeability	DIN	ml/min	< 0,01
Y (2,0mm)	ASME VIII	MPa	10
m (2,0mm)	ASME VIII	factor	1,5

Note : These are typical properties and not used for specification purpose

(*) Working temperature and pressure limits of one gasket depend on several factors.
These temperature and pressure guides cannot be used simultaneously and may not apply at all thickness.

All information in this document is based on years of experience in manufacture and use of the discussed products. Since sealing performance in the joint is subject to multiple factors such as mounting method, system parameters, and sealed medium, technical parameters specified herein are of informative nature only and cannot be used as grounds for any claims any special uses of products are subject to consulting with the manufacturer.