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FASIT® UNIX

N. 03.13/e.799

Non-asbestos jointing sheet, composed of kevlar® aramid fibres and high temperature resistant mineral fillers, bonded with high ACN-content NBR elastomer.

Applications

General service, gases, hydrocarbons, solvents, low pressure steam, hot and cold water, mild acids and alkalis. Suitable for food industry, public utilities, water treatment plants, chemical plants, oil industry, etc.

Technical Data (values relate to 2 mm thickness)					
Density		DIN 3754	1.75		g/cm ³
Service Limits					
Max short term temp.				300	oC
Max. continuous operating temperature with non-aggressive media				360	oC
Max. continuous operating temperature with steam				200	oC
Max. operating pressure				80	bar
Compressibility		ASTM F36	9		%
Recovery	ASTM F36		min	55	%
Stress retention					
-16hrs, 175 oC, 50			min	25	N/mm ²
Tensile Strength	DIN 52910		min	8	N.MM ²
Gas Permeability(N₂,40 bar, 30 Mpa, RT)					
Immersion test in ASTM Oil 3 for 5 hrs. 150oC				ASTM F146	
- weight increase		Max.	10		%
- thickness increase		Max.	10		%
Gasket constants to PVRC proposed modification to			thick	2.2mm	MPa
ASME code				1.3	MPa
Gb				0.21	
a				0.1	
GS					
*Max. temperature and pressure do not hold simultaneously and are reported for proper seating conditions and gasket design.					
Supply data					
Colour:		blue			
Sheet size – Standard:	1500 x 1500			Tolerance:	+/-50mm
"- Upon request:			1500 x 3000 & 1500 x 4500mm		

Thickness:	0.3 to 5.0mm			Tolerance	+/- 10%
Available surface finishing:				4XA anti-stick or graphite powder coating	

Note: FASIT® jointing manufacture is quality assured in accordance with ISO 9002
 Data here reported, corresponding to laboratory and field tests results, are meant as non-binding guideline for gasket selection.
 No guarantee claim can be inferred from them. When needed, we shall be pleased to assist you with specific technical assistance.