N. 03.13/e.799

FASIT® UNIX

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/cm3**
Service limits*:				
Max. short term temperature			**300**	**°C**
Max. continuous operating temperature with non-aggressive media			**260**	**°C**
Max. continuous operating temperature with steam			**200**	**°C**
Max. operating pressure			**80**	**bar**
Compressibility	**ASTM F36**		**9**	**%**
Recovery	**ASTM F36**	**min.**	**55**	**%**
Stress retention:	**DIN 52913**			
- 16 hrs, 175 oC, 50 N/mm2		**min.**	**25**	**N/mm2**
Tensile Strength (across grain)	**DIN 52910**	**min.**	**8**	**N/mm2**
Gas permeability (N2, 40 bar, 30 MPa, RT)	**DIN 3535**	**max.**	**0.8**	**ml/min**
Immersion test in ASTM Oil 3 for 5 hrs. at 150oC	**ASTM F146**			
- weight increase		**max.**	**10**	**%**
- thickness increase		**max.**	**10**	**%**
Immersion test in ASTM Fuel B for 5 hrs at 20oC	**ASTM F146**			
- weight increase		**max.**	**10**	**%**
- thickness increase		**max.**	**10**	**%**
Gasket constants to PVRC proposed modification to ASME code		**thick.:**	**2.2 mm**	
Gb			**13**	**MPa**
a			**0.21**	
Gs			**0.1**	**MPa**

*** 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 mm**	**tolerance: +/- 50 mm**
" - Upon request:	**1500 x 3000 and 1500 x 4500 mm**	
Thickness:	**from 0.3 to 5.0 mm**	**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.