

PRODUCT SPECIFICATION SHEET

Material : WCL Aqua

Non-asbestos jointing sheet, composed of aramid and organic fibres, bonded with high ACN-content NBR elastomer. The formulation gives the material good chemical stability and excellent resistance to creep at high temperature.

Applications

Moderate temperature applications, in presence of drinkable water, oils, fuels and coolants. Suitable for food industry, public utilities, water treatment plants, chemical plants, etc.

Technical Data (values relate to 2 mm thickness)

Density	DIN 3754	1.70	g/cm ³
Service limits*:			
Maximum short term temperature		250	°C
Max. continuous operating temperature with non-aggressive media		200	°C
Max. operating pressure		60	bar
Compressibility	ASTM F36	7 - 13	%
Recovery	ASTM F36	> 45	%
Tensile Strength (across grain)	DIN 52910	> 8	N/mm ²
Immersion test in ASTM Oil 3 for 5 hrs. at 150°C	ASTM F146		
- weight increase		< 15	%
- thickness increase		< 10	%
Immersion test in ASTM Fuel B for 5 hrs at 20°C	ASTM F146		
- weight increase		< 17	%
- thickness increase		< 10	%
Immersion test in water + ethylene glycol (1:1 by vol.) for 5 hrs at 20°C	ASTM F146		
- weight increase		< 30	%
- thickness increase		< 20	%

* Max. temperature and pressure do not hold simultaneously and are reported for proper seating conditions and gasket design

Supply data

Surface color: blue

Available surface finishing: 4xA Anti-stick coating



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Sheet size - Standard:	1500 x 1500 mm (upon request: 1500x3000 and 1500x4500 mm)	tolerance: +/- 50 mm
Thickness:	from 0.3 to 5.0 mm	tolerance: +/- 10%

Note: WCL® jointing manufacture is quality assured in accordance with ISO 9001

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.



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