

# 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 <sup>3</sup>
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 <sup>2</sup>
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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## **Material : WCL Aqua**

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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