

**CSF Sheet Jointing****TEMASIL NG****INFORMATIVE**

Max. working pressure	MPa	10		
Max. working temperature	°C	Continual	250	steam 200
		Peak	400	

Application: water, water vapour, gas, oil, alcohols, fuel, basic chemicals**TECHNICAL PARAMETERS**

Corresponding standard

TECHNICAL PARAMETERS			Corresponding standard
DENSITY	g.cm ⁻³	1,7 – 2,0	DIN 28 090 - 2
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	30	DIN 52 913
COMPRESSIBILITY	%	5 – 15	ASTM F 36 J
RECOVERY min.	%	50	ASTM F 36 J
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,06	DIN 3535 – 6
FLUID RESISTANCE – THICKNESS CHANGE			
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	3	ASTM F 146
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	5	ASTM F 146
FLEXIBILITY	no cracks and breaks		ASTM F 147
COLOR AND PRINTING	BLUE – branded on one side TEMASIL NG DIN 28 091 – 2 FA-MA-1-0 ASTM F 104 F 712 111 M5		

Testing acc. to TP 62-085-17

Note:

- a) parameters are valid for thickness 2,0 mm
- b) * value valid for thickness 1,5 mm

CERTIFICATION:

DNV, TZW, DVGW, BAM, TA Luft, WRAS, PZH, UA – Tesko



Společnost je zapsána v obchodním rejstříku vedeném u Městského soudu v Praze, oddíl B, vložka 373, IČO 00012092

Temac, a.s. company is corporated in companies register with Municipal Court in Prague, section B, insert 373, Incorporation No. 00012092

Code: wdb22
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Interference with this document is prohibited.

TEMASIL NG

General data

Standard sheet size:

1,5 x 1,5 m

1,5 x 1,0 m

1,5 x 3,0 m

Another sheet sizes are available upon the customer request.

Size tolerance: $\pm 2 \%$

Standard thickness:

0,4 – 6,4 mm

with wire insertion:

0,8 – 6,4 mm

Thickness tolerance:

0,4 – 0,8 $\pm 0,1$ mm

1,0 – 6,4 $\pm 10 \%$

Surface:

All jointings are produced with an antistick surface on one side.

Wire insertion:

Majority of the styles can be supplied with a wire insertion.

Technical data

Marking acc. to	DIN 28 091-2	FA-MA-1-0	
Marking acc. to	ASTM F 104	F712 111 M5	
Max. temperature	peak	°C	400
	continual	°C	250 (steam 200)
Max. pressure	Bar	100	

Typical parameters of 2 mm thick jointing

Density	DIN 28090-2	g/cm ³	1,9
Compressibility	ASTM F 36J	%	7
Recovery min.	ASTM F 36J	%	50
Residual stress (16h/175°C)	DIN 52 913	≈ MPa	30
Gas leakage $\lambda_{2,0}$	DIN 3535-6	≈ mg/(m.s)	0,06
Fluid resistance - thickness increase			
Oil IRM 903 (5h/150°C)	ASTM F 146	%	3
ASTM Fuel B (5h/23°C)	ASTM F 146	%	5

1 – suitable area (even for steam application)

2 – suitable extended area, technical advice is recommended

3 – for this area technical consultation is mandatory

Note: Maximum temperature and pressure values can not be used simultaneously.

TEMASIL NG



Colour	Blue
Description	The new generation of high quality material based on a blend of special temperature resisting fibres and other agents with NBR. It is easy to cut due its flexibility and smooth surface.
Application	This general purpose jointing sheet is regardful of environment and can be used in a wide range of industries such as petrochemical, chemical, food and oil as well as engineering area.
Chemical resistance chart available upon request.	
Certification	DNV-GL, DVGW, BAM, TA Luft, WRAS
Updated information can be found on our websites.	

