

**INFORMATIVE**

|                          |     |           |            |                  |
|--------------------------|-----|-----------|------------|------------------|
| Max. working pressure    | MPa | <b>10</b> |            |                  |
| Max. working temperature | °C  | Continual | <b>250</b> | <b>steam 200</b> |
|                          |     | Peak      | <b>400</b> |                  |

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

**TECHNICAL PARAMETERS**

| TECHNICAL PARAMETERS                                |  |           | Corresponding standard | Testing acc. to TP 62-085-17 |
|---|--|-----------|------------------------|------------------------------|
| DENSITY   | g.cm <sup>-3</sup>   | 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           |                              |
| <b>FLUID RESISTANCE – THICKNESS CHANGE</b>          |  |           |                        |                              |
| ASTM OIL - IRM 903, ČSN ISO 1817<br>5 h/150 °C max. | %  | 3         | ASTM F 146             |                              |
| ASTM FUEL B - ČSN ISO 1817<br>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<br><br><b>TEMASIL NG</b><br><br>DIN 28 091 – 2 <b>FA-MA-1-0</b><br>ASTM F 104 <b>F 712 111 M5</b> |           |                        |                              |

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

**CERTIFICATION:**

DNV-GL, TZW, DVGW, BAM, TA Luft, WRAS, 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