



Weyn-Lauwers N.V.

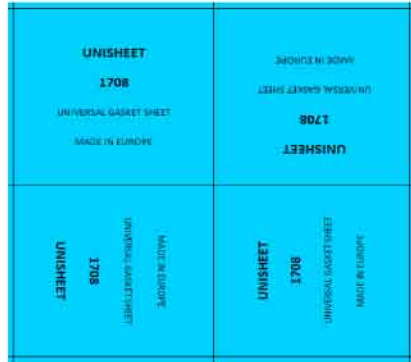
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VLAKKE DICHTINGEN

UNISHEET UN-1708

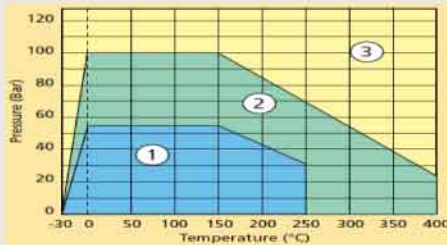
UNISHEET UN1708



Unisheet UN1708, Aramid fibers, NBR

A new generation, environmentally friendly jointing sheet. Made of Special fibers, fillers and a carefully selected NBR mixture, this sheet combines a higher stress, and an enormous flexibility, with a smooth anti-stick finish. Due to its high standard, this jointing sheet can be used in petrochemical, or chemical industry, but fits also for oil, food, and other engineered application.

Technical Information:



| | | | |
|---------------------|------------|----------|---------|
| Maximum Pressure | | 100/1450 | Bar/psi |
| Working Temperature | Continual: | 250/482 | °C/°F |
| | Steam: | 200/392 | °C/°F |
| | Peak: | 400/752 | °C/°F |

Application: water, water vapour, gas, oil, alcohol, fuel, chemicals

For 2mm - Gaskets for DIN - PN6 till PN40 and for ASME - 75# till 600# (when testpressure is x 1.5)

Parameters - Typical values for 2mm

| | | | Standard |
|--------------------------------------|----------------------|-------|-------------------------------------------|
| Density | g/cm ³ | ≈1,9 | DIN 28 090 - 2 |
| Residual Stress* 16hr/175°C/50 Mpa | ≈ MPa | 25 | DIN 52 913 |
| Tensile strength | MPa | >8 | DIN 52910 |
| Recovery | min. % | >50 | ASTM F 36 - J |
| Compressibility | % | >8 | ASTM F 36 - J |
| Specific Leakage Rate | ≈ mg/(s.m) | <0,06 | DIN 3535 - 6 |
| Fluid Resistance - Thickness Change | | | |
| ASTM Oil - IRM 903 - 5h, 150°C | max. % | <3% | ASTM F 146 |
| ASTM Fuel B - ISO 1817 - 5hrs / 23°C | max. % | <5% | ASTM F 146 |
| 5hrs / 23°C | | | |
| Flexibility | no cracks nor breaks | | ASTM F 147 |
| Color and Printing | | | Blue - non-branded or branded on one Side |

Notes:

* value valid for thickness 1,5 mm

Peak temperature and pressure can not be combined, ask for information.

Conformity with:

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



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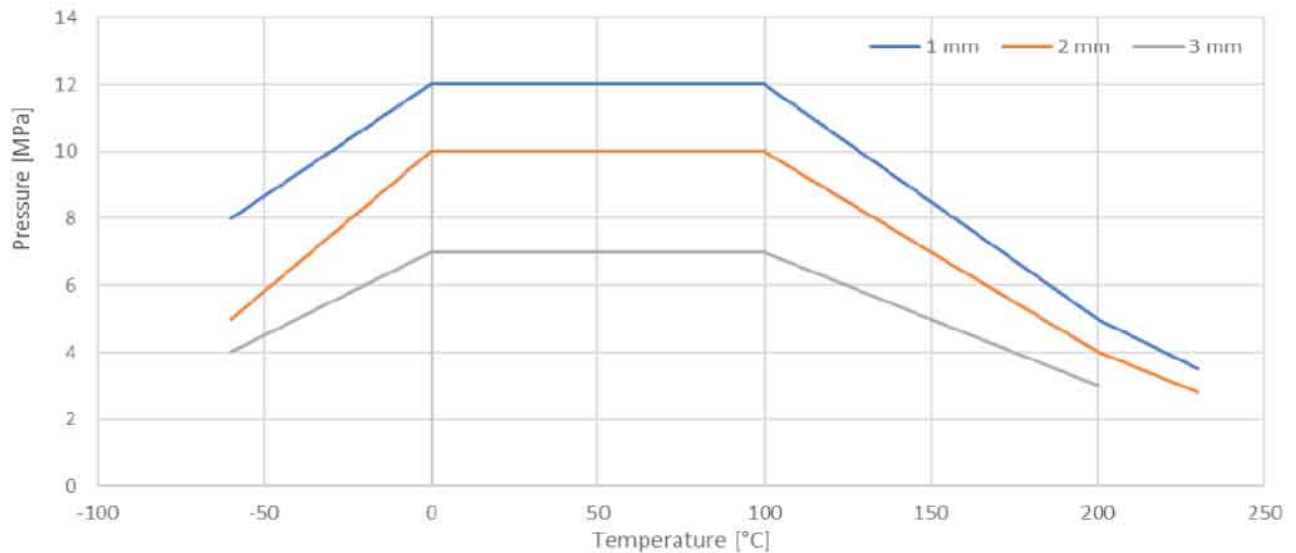
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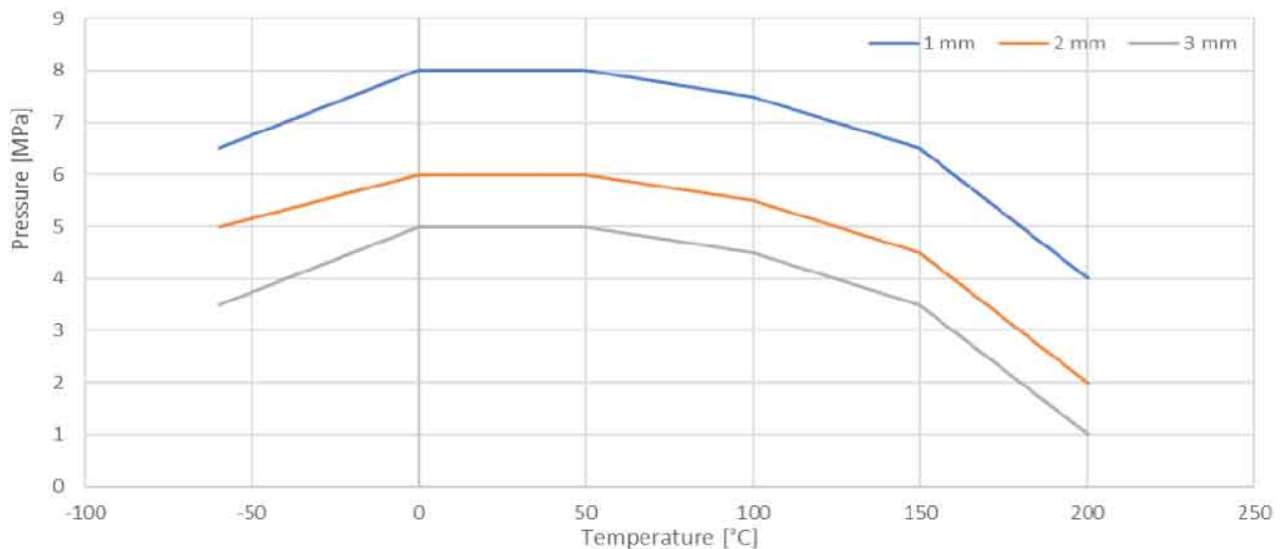
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The charts show the maximum operating pressures for specific media and operating temperatures. The charts show indicative values for flat flanged joints with coarse pads, provided that they are properly assembled and the assembly stresses are correct. It is possible to operate at increased pressures for other flange designs. The indicated permissible pressures apply only to oils, greases, fuels and solvents appropriate in accordance with the Chemical Resistance Charts.

Water, steam, aqueous solutions



Fuel, solvents





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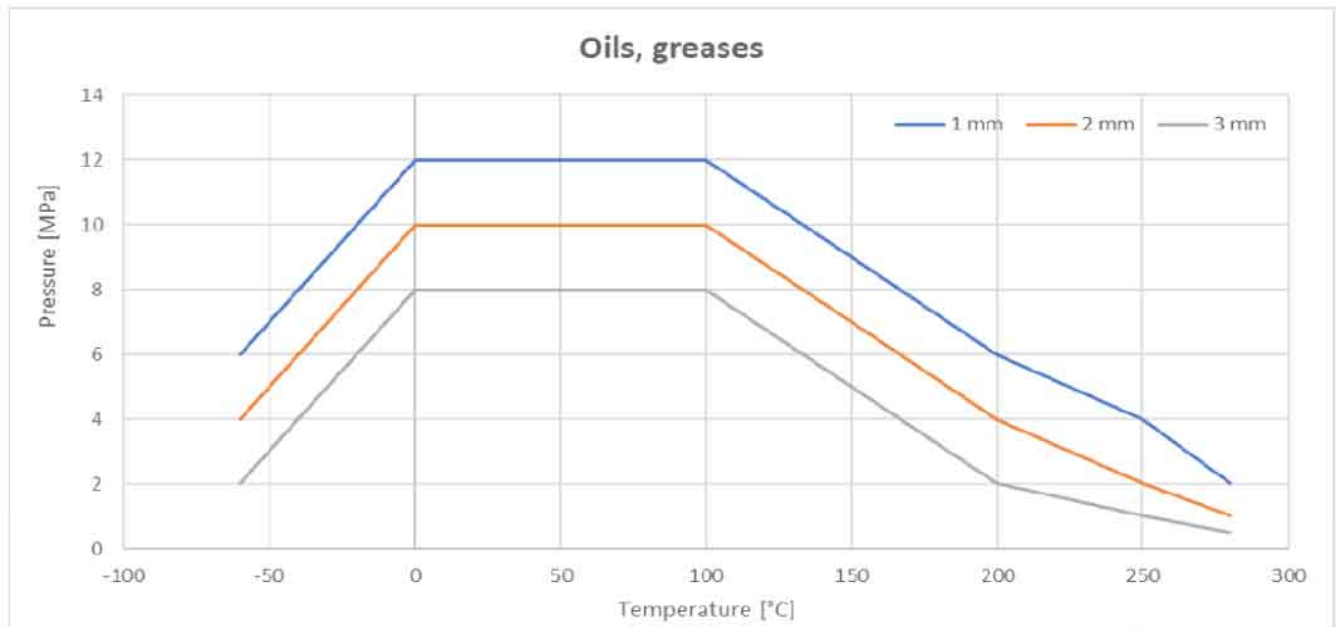
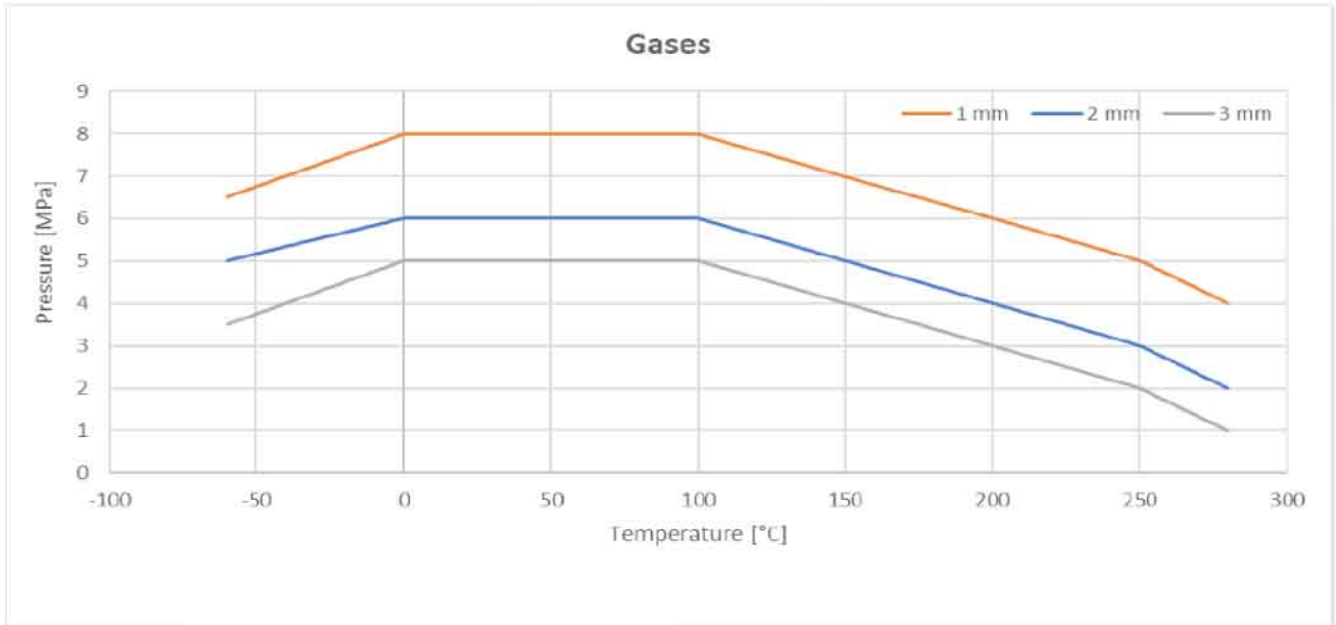
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The charts above are represented to the best of our knowledge. However due to the different designs of sealed joints, different assembly and operating conditions, parameters cannot be unambiguously guaranteed.