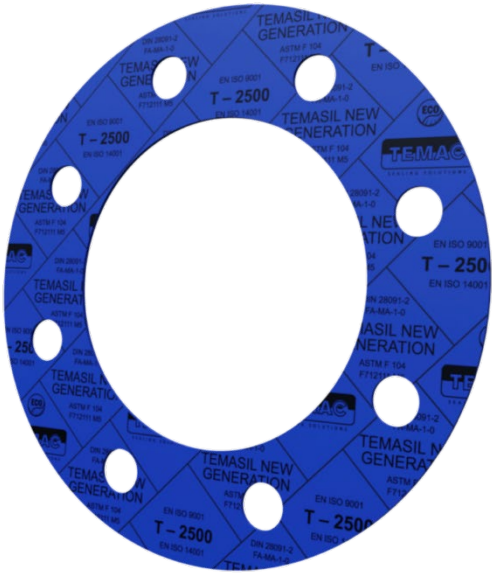
JB Hydraulics BV

# Vezelplaat Pakkingen




| Groep | Omschrijving |
|---|---|
| 160-10 | Pakkingringen PN10/16/40 zonder boutgaten (RF) |
| 160-13 | Pakkingringen blokland / tabel 48 met boutgaten (FF) |
| 160-14 | Pakkingringen PN06 met boutgaten (FF) |
| 160-15 | Pakkingringen PN10/16/40 met boutgaten (FF) |

160-10 || Pakkingringen PN10/16/40 zonder boutgaten (RF)

| Artikelcode | Omschrijving |
|---|---|
| 160-10-010 | Temasil Pakkingring DN010 - PN10/40 - 45x18x2Mm |
| 160-10-015 | Temasil Pakkingring DN015 - PN10/40 - 50x22x2Mm |
| 160-10-020 | Temasil Pakkingring DN020 - PN10/40 - 60x28x2Mm |
| 160-10-025 | Temasil Pakkingring DN025 - PN10/40 - 70x35x2Mm |
| 160-10-032 | Temasil Pakkingring DN032 - PN10/40 - 82x43x2Mm |
| 160-10-040 | Temasil Pakkingring DN040 - PN10/40 - 92x49x2Mm |
| 160-10-050 | Temasil Pakkingring DN050 - PN10/16 - 107x61x2Mm |
| 160-10-065 | Temasil Pakkingring DN065 - PN10/16 - 127x77x2Mm |
| 160-10-080 | Temasil Pakkingring DN080 - PN10/16 - 142x90x2Mm |
| 160-10-100 | Temasil Pakkingring DN100 - PN10/16 - 162x115x2Mm |
| 160-10-125 | Temasil Pakkingring DN125 - PN10/16 - 192x141x2Mm |
| 160-10-150 | Temasil Pakkingring DN150 - PN10/16 - 218x169x2Mm |
| 160-10-175 | Temasil Pakkingring DN175 - PN10 - 248x195x2Mm |
| 160-10-200 | Temasil Pakkingring DN200 - PN10 - 273x220x2Mm |
| 160-10-250 | Temasil Pakkingring DN250 - PN10 - 328x274x2Mm |
| 160-10-300 | Temasil Pakkingring DN300 - PN10 - 378x325x2Mm |
| 160-10-350 | Temasil Pakkingring DN350 - PN10 - 438x368x2Mm |
| 160-10-400 | Temasil Pakkingring DN400 - PN10 - 490x420x2Mm |
| 160-10-450 | Temasil Pakkingring DN450 - PN10 - 540x470x2Mm |
| 160-10-500 | Temasil Pakkingring DN500 - PN10 - 595x520x2Mm |
| 160-10-600 | Temasil Pakkingring DN600 - PN10 - 695x620x2Mm |

160-13 || Pakkingringen blokland / tabel 48 met boutgaten

| Artikelcode | Omschrijving |
|---|---|
| 160-13-025 | Temasil Pakking - Tabel 48 / DN025 – 96x35x68x4x12Mm |
| 160-13-032 | Temasil Pakking - Tabel 48 / DN032 – 96x43x68x4x12Mm |
| 160-13-040 | Temasil Pakking - Tabel 48 / DN040 - 103x50x75x4x12Mm |
| 160-13-050 | Temasil Pakking - Tabel 48 / DN050 - 129x62x97x4x14Mm |
| 160-13-065 | Temasil Pakking - Tabel 48 / DN065 - 140x77x108x4x14Mm |
| 160-13-075 | Temasil Pakking - Tabel 48 / DN080 - 169x90x132x4x18Mm |
| 160-13-100 | Temasil Pakking - Tabel 48 / DN100 - 191x115x154x4x18Mm |
| 160-13-125 | Temasil Pakking - Tabel 48 / DN125 - 231x141x184x4x18Mm |

160-14 || Pakkingringen PN06 met boutgaten (FF)

| Artikelcode | Omschrijving |
|---|---|
| 160-14-020 | Temasil Pakking 'Vol' DN020 - PN06 - 90x28x65x4x12Mm |
| 160-14-025 | Temasil Pakking 'Vol' DN025 - PN06 - 100x35x75x4x12Mm |
| 160-14-032 | Temasil Pakking 'Vol' DN032 - PN06 - 120x43x90x4x14Mm |
| 160-14-040 | Temasil Pakking 'Vol' DN040 - PN06 - 130x49x100x4x14Mm |
| 160-14-050 | Temasil Pakking 'Vol' DN050 - PN06 - 140x61x110x4x14Mm |
| 160-14-065 | Temasil Pakking 'Vol' DN065 - PN06 - 160x77x130x4x14Mm |
| 160-14-080 | Temasil Pakking 'Vol' DN080 - PN06 - 190x90x150x4x18Mm |
| 160-14-100 | Temasil Pakking 'Vol' DN100 - PN06 - 210x115x170x4x18Mm |
| 160-14-125 | Temasil Pakking 'Vol' DN125 - PN06 - 240x141x200x8x18Mm |
| 160-14-150 | Temasil Pakking 'Vol' DN150 - PN06 - 265x169x225x8x18Mm |
| 160-14-200 | Temasil Pakking 'Vol' DN200 - PN06 - 320x220x280x8x18Mm |
| 160-14-250 | Temasil Pakking 'Vol' DN250 - PN06 - 375x274x335x12x18Mm |
| 160-14-300 | Temasil Pakking 'Vol' DN300 - PN06 - 440x325x395x12x22Mm |
| 160-14-350 | Temasil Pakking 'Vol' DN350 - PN06 - 490x368x445x12x22Mm |
| 160-14-400 | Temasil Pakking 'Vol' DN400 - PN06 - 540x420x495x16x22Mm |
| 160-14-450 | Temasil Pakking 'Vol' DN450 - PN06 - 595x470x550x16x22Mm |
| 160-14-500 | Temasil Pakking 'Vol' DN500 - PN06 - 645x520x600x20x22Mm |

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160-15 || Pakkingringen PN10/16/40 met boutgaten (FF)

| Artikelcode | Omschrijving |
|---|---|
| 160-15-015 | Temasil Pakking 'Vol' DN015 - PN10/40 - 95x22x65x4x14Mm |
| 160-15-020 | Temasil Pakking 'Vol' DN020 - PN10/40 - 105x27x75x4x14Mm |
| 160-15-025 | Temasil Pakking 'Vol' DN025 - PN10/40 - 115x34x85x4x14Mm |
| 160-15-032 | Temasil Pakking 'Vol' DN032 - PN10/40 - 140x43x100x4x18Mm |
| 160-15-040 | Temasil Pakking 'Vol' DN040 - PN10/40 - 150x48x110x4x18Mm |
| 160-15-050 | Temasil Pakking 'Vol' DN050 - PN10/16 - 165x61x125x4x18Mm |
| 160-15-065 | Temasil Pakking 'Vol' DN065 - PN10/16 - 185x77x145x4x18Mm |
| 160-15-080 | Temasil Pakking 'Vol' DN080 - PN10/16 - 200x90x160x8x18Mm |
| 160-15-100 | Temasil Pakking 'Vol' DN100 - PN10/16 - 220x115x180x8x18Mm |
| 160-15-125 | Temasil Pakking 'Vol' DN125 - PN10/16 - 250x140x210x8x18Mm |
| 160-15-150 | Temasil Pakking 'Vol' DN150 - PN10/16 - 285x169x240x8x23Mm |
| 160-15-200 | Temasil Pakking 'Vol' DN200 - PN10 - 340x220x295x8x23Mm |
| 160-15-250 | Temasil Pakking 'Vol' DN250 - PN10 - 395x274x350x12x23Mm |
| 160-15-300 | Temasil Pakking 'Vol' DN300 - PN10 - 445x325x400x12x23Mm |
| 160-15-350 | Temasil Pakking 'Vol' DN350 - PN10 - 505x368x460x16x23Mm |
| 160-15-400 | Temasil Pakking 'Vol' DN400 - PN10 - 565x420x515x16x27Mm |
| 160-15-450 | Temasil Pakking 'Vol' DN450 - PN10 - 615x470x565x20x27mm |
| 160-15-500 | Temasil Pakking 'Vol' DN500 - PN10 - 670x520x620x20x27Mm |

# 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.

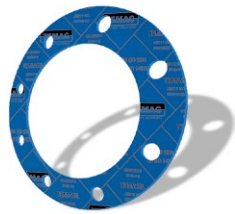
Size tolerance: ± 2 %

Standard thickness:
0,4 – 6,4 mm
with wire insertion:
0,8 – 6,4 mm

Thickness tolerance:
0,4 – 0,8 ± 0,1 mm
1,0 – 6,4 ± 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.

**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<br><br>Chemical resistance chart available upon request. | 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. |
| Certification<br>Updated information can be found on our websites. | DNV-GL, DVGW, BAM, TA Luft, WRAS |

**Technical data**

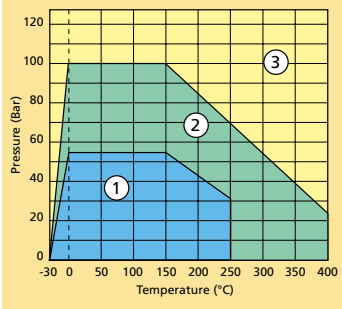
| | | | |
|---|---|---|---|
| Marking acc. to | DIN 28 091-2 | | FA-MA-1-0 |
| Marking acc. to | ASTM F 104 | | F712 111 M5 |
| Max. temperature | peak | °C | 400 |
| | continual | °C | 250 (steam 200) |
| Max. pressure | | Bar | 100 |

**Typical parameters of 2 mm thick jointing**

| | | | |
|---|---|---|---|
| Density | DIN 28090-2 | g/cm³ | 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.



# Chemical resistance table

| | Temafast Economy | Temafast | Temasil Nová Generace | Temasil HT | Temaplus | Temacarb | Graftem Economy | Temacid |
|---|---|---|---|---|---|---|---|---|
| Acetic acid 100% | C | C | A | A | A | A | A | A |
| Acetone | B | B | B | B | B | B | B | A |
| Acetylene | A | A | A | A | A | A | A | A |
| Air | A | A | A | A | A | A | A | A |
| Aluminium chloride | A | A | A | A | A | A | A | A |
| Ammonia | B | B | A | A | A | A | A | A |
| Ammonium hydrogenphospate | B | B | A | A | A | A | A | A |
| Barium chloride | A | A | A | A | A | A | A | A |
| Benzene | B | B | A | A | A | A | A | A |
| Boric acid | B | B | A | A | A | A | A | A |
| Calcium hydroxide | B | B | A | A | A | A | A | A |
| Carbon dioxide | A | A | A | A | A | A | A | A |
| Copper sulphate | A | A | A | A | A | A | A | A |
| Crude oil | C | C | A | A | A | A | A | A |
| Cyclohexanol | B | B | A | A | A | A | A | A |
| Cyklohexanon | C | C | B | B | B | B | B | B |
| Di-butyl phtalate | A | A | A | A | A | A | A | A |
| Ethyl ether | B | A | A | A | A | A | A | A |
| Ethylen | A | A | A | A | A | A | A | A |
| Ethylene glycol | B | B | A | A | A | A | A | A |
| Formic acid 10% | B | B | A | A | A | A | A | A |
| Glycerine | A | A | A | A | A | A | A | A |
| Hydraulic oil( mineral) | B | B | A | A | A | A | A | A |
| Hydrogen chloride dry | B | B | A | A | A | A | A | A |
| Hydrochlorid acid 20% | C | C | B | B | A | A | B | A |
| Chlorine dry | B | B | A | A | A | A | A | A |
| Chloroform | C | C | B | B | B | B | B | B |
| Iso-Octane | B | B | A | A | A | A | A | A |
| Kerosene | B | B | A | A | A | A | A | A |
| Methylene chloride | C | C | C | C | C | C | C | C |
| Natural gas | A | A | A | A | A | A | A | A |
| Nitric acid 20% | C | C | C | C | C | B | C | A |
| Nitrogen | A | A | A | A | A | A | A | A |
| Petrol | B | B | A | A | A | A | A | A |
| Petroleum | B | B | A | A | A | A | A | A |
| Phenol | C | C | C | C | C | C | C | B |
| Potable water | A | A | A | A | A | A | A | A |
| Potassium cyanide | B | B | A | A | A | A | A | A |
| Potassium iodide | A | A | A | A | A | A | A | A |
| Saturated steam | B | B | A | A | A | A | A | B |
| Silicon oil | B | B | A | A | A | A | A | A |
| Sodium carbonate | A | A | A | A | A | A | A | A |
| Sodium hydrogen carbonate | B | B | A | A | A | A | A | A |
| Sodium hydrogen sulphite | B | B | A | A | A | A | A | A |
| Sodium hydroxide | B | B | B | B | B | B | B | A |
| Sodium chloride | A | A | A | A | A | A | A | A |
| Sodium sulphate | A | A | A | A | A | A | A | A |
| Sugar | A | A | A | A | A | A | A | A |
| Sulphuric acid 65% | C | C | C | C | C | C | C | A |
| Tartaric acid | A | A | A | A | A | A | A | A |
| Tetrachlormethane | C | C | B | B | B | B | B | B |
| Toluene | C | C | A | A | A | A | A | A |
| Transformer oil | B | B | A | A | A | A | A | A |
| Turpentine | A | A | A | A | A | A | A | A |
| Xylene | B | B | A | A | A | A | A | A |

A-recomended
B-suitability depends on conditions
C-not suitable

If another medium is applied please contact our technical department.

TEMAC SEALING SOLUTIONS

GASKET AND SEALING TECHNOLOGY

All data stated in this catalog are of informative character