

Leader Fybar PT 50

Rubberbonded Fiber Jointing Sheets



DESCRIPTION

Fybar PT50 consists of aramid fiber, NBR bound universally applicable, excellent value/quality ratio. Widely applicable for non-aggressive media, such as air, (potable) water, oils, greases and fuels, weak acids and alkalines.

APPLICATION

Widely applicable for non-aggressive media such as air, (potable) water, oil, grease and fuel, weak acids and alkalines

DELIVERY OPTIONS

Flange gaskets and sheets are available in thickness of 0,5mm, 1mm, 1,5mm, 2mm and 3mm. Other thicknesses available on request.. Standard gaskets can be supplied in accordance with ASME B16.21, EN12560-1 as well as EN1514-1. Non-standard or special gaskets can be manufactured according to customer drawings, or by given sizes or Edrawing.

TEMPERATURE

Temperature from -30 °C up to +200 °C

APPROVALS & CERTIFICATES

- DVGW
- W270
- BS7531 Grade Y
- GL
- HTB
- TA-Luft

TECHNICAL DATA

max Temperature [°F]	400
density [g/cm ³]	1.7
Minimum initial stress [DIN E 2505 part 2] [N/mm ²]	17
Maximum initial stress [DIN E 2505 part 2] [N/mm ²]	180
M-Value	2.5
Y- Value [psi]	3900
min Seating stress [Q _{min} (L 0,01), mg/(s*m)] at RT 40 bar [N/mm ²]	30
ASTM F36 Recovery [% min]	55
Gasket required flange roughness [Ra micron]	3,2-6,3
Gasket required flange roughness [RMS]	125-250
max Seating stress [Q _{max} bei RT EN13555] [n/mm ²]	180
Residual stress at 175°C [DIN 52913] [Mpa]	28
Tensile Strength (quer) DIN 52910 [N/mm]	6
compressability, [ASTM F36], [%]	6
ASTM F146 Fuel B @ 70-85 F Thick. Increase [%]	5
IRM 903 @ 300 oF Thickness Increase [%]	2
ASTM Fuel B @ 70-85 oF Weight Increase [%]	9
Rubber Binder	NBR

LOCATIONS

850 Sense Road LA PORTE, TX 77571, USA GLOBAL HEADQUARTERS

8622 South Choctaw Drive BATON ROUGE, LA, USA 70815

Purnovicka cesta 1026, 01401 BYTCA, Republic of Slovakia EUROPE HEADQUARTERS

PHONE

+1 281 542 0600

+1 225 275 8000

+421 41 553 2686

FAX

+1 281 542 5552

+1 225 273 9073

+421 41 553 2895