DONIT TESNIT

NEW

BA-U R 200

BA-U R 200 *is top-grade gasket material with special metal reinforcement. Suitable for highest pressure and high temperature applications.*

Basis
Aramide fibers, inorganic fillers, NBR, expanded metal reinforcement

DIN 28091-2
FA-A1-St

Colour
Blue

Surface treatment
The standard version has non-stick top and bottom layer.
Graphite or PTFE coating on request

Dimensions of standard sheet
Sheet size:
1000x1500 mm
1500x1500 mm

Thickness:
0.8 mm, 1.0 mm, 1.5 mm
(other thicknesses available on request)

Tolerances:
Thickness: <1 mm = ± 0.1 mm, ≥1 mm = ± 10%
Length: ± 50 mm
Width: ± 50 mm

Application
Top quality universal gasket material – specially reinforced - for use at very high pressures, high temperatures and surface stresses. Especially convenient for use at temperature and pressure fluctuations and mechanical vibrations. Due to special metal reinforcement assures also high protection against blow out. Material combines high torque retention, good chemical resistance, excellent sealability and outstanding thermo-mechanical properties. Suitable for sealing of hot water, steam, oils, fuels, non-aggressive chemicals and many other media.

Approvals
Applied for: TA-Luft (VDI 2440), DIN-DVGW (DIN 3535/6)

TECHNICAL DATA
Typical values for a thickness of 1.5 mm

Density	DIN 28090-2	g/cm³	2.2-2.3
Compressibility	ASTM F 36/J	%	5-8
Recovery	ASTM F36/J	%	>50
Tensile strength – cross grain	DIN 52910	MPa	≈35
Specific leak rate	DIN 3535/6	mg/(s.m)	<0.1
Thickness increase	ASTM F146		
• Oil IRM 903, 5h, 150°C		%	≈3
• ASTM Fuel B, 5h, 23°C		%	≈5
Stress resistance 16h, 50MPa,300°C	DIN 52913	MPa	≈35
Compression modulus	DIN 28090-2		
• at room temperature: ε_{KSW}		%	≈7
• at elevated temperature: $\varepsilon_{WSW/200°C}$		%	≈8
Percentage creep deformation	DIN 28090-2		
• at room temperature: ε_{KRW}		%	>3
• at elevated temperature: $\varepsilon_{WRW/200°C}$		%	≈1
Creep deformation 50MPa/300°C	-		
• Change in thickness at 20°C		%	≈8
• Change in thickness at 300°C		%	≈10

All information data are based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behavior in gasket joint. The data may not, therefore, be used to support any warranty claims.

This eddition cancels all previous issues. Subject to change without notice.

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TÜV MANAGEMENT SERVICE ISO 9001

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