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COMPRESSED SHEETS

3R886



Description

Compressed non-asbestos sheet gasket material produced from aramid fibers, reinforced with a woven wire mesh and bonded with nitrile rubber (NBR). This premium grade sheet is graphited on both sides and is ideal for applications where temperatures and pressures fluctuate.

Applications

The 3R886 has a broad range of applications in the process industries and in the water and wastewater industry. It is also commonly used in equipment such as pumps and valves. This sheet is suitable for service handling the following general media categories:

- Mild organic and inorganic acids
- Concentrated and diluted alkali
- Water
- Brine
- Saturated steam
- Industrial gases
- Animal, synthetic and vegetable oils
- Petroleum and derivatives
- General chemicals
- Aromatic, chlorinated and oxygenated solvents
- Neutral and aliphatic solutions
- Refrigerants
- Air

Specifications

Technical Data

Temperature	Continuous: 200°C (390°F), Short term: 380°F (715°F)
Pressure	Continuous: 580 psi, Short period: 1450 psi
Color	Black

Thickness	1/32", 1/16", 3/32", 1/8"
Sheet size	59" x 63"
Density	118 lb/ft ³ (1.9 g/cc)
Compressibility (ASTM F36)	10-20%
Recovery (ASTM F36)	Min. 40%
Tensile Strength Across Grain (ASTM F38)	2680 psi (18.5 N/mm ²)
Ignition Loss (ASTM F495)	max 37%
Thickness increase after 5 hour immersion - ASTM IRM 903 @ 300°F (150°C)(ASTM F146)	max 20%
Thickness increase after 5 hour immersion - ASTM Fuel B @ 77°F (25°C)(ASTM F146)	max 15%
Weight increase after 5 hour immersion - ASTM IRM 903 @ 300°F (150°C)(ASTM F146)	max 20%
Weight increase after 5 hour immersion - ASTM Fuel B @ 77°F (25°C)(ASTM F146)	max 15%

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.