

Style 976 Blue Neoprene Aramid Fiber Sheet

This sheet of gasket material is a CR (neoprene) aramid fiber sheet. Style 976 is designed for Freon refrigerants and high aniline point oils. Standard stock sheet sizes are available in 60" x 60", 60"x 120". Standard stock sheet thicknesses are available in 1/64", 1/32", 1/16", 1/8" (special thicknesses are available upon request).

Specifications of Style 976

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|--|---------|
| Max Temperature [°F] | 400 |
| Max Intermittent Temperature [°F] | 600 |
| Max Temperature [°C] | 200 |
| Max Pressure [psi] | 1000 |
| Density [g/cm ³] | 1.85 |
| M-Value | 2 |
| Y- Value [psi] | 4350 |
| ASTM F36 Recovery [% min] | 50 |
| Gasket required flange roughness [Ra micron] | 3,2-6,3 |
| Gasket required flange roughness [RMS] | 125-250 |
| Tensile Strength (quer) DIN 52910 [N/mm] | >12 |
| Advice Seating stress at assembly [psi] | 4000 |
| Max Pressure Rating [psi] | 1000 |
| Max P x T | 250 |
| Compressability, [ASTM F36], [%] | 17-Jul |
| BS 7531 Gas Leakage [ml/min] | <1.0 |
| ASTM F38 Creep Relaxation [%] | 20 |
| BS 7531 Residual Stress [mpa] | 21 |
| ASTM F152 Average Tensile [psi] | 2000 |
| IRM 903 @ 300 oF Thickness Increase [%] | 0-10 |
| ASTM Fuel B @ 70-85 oF Weight Increase [%] | 20 Max. |
| Rubber Binder | CR |

Applications:

Style 976 Blue Neoprene Aramid Fiber sheet is commonly used in applications involving exposure to...

- Freon
- Ammonia gas
- Fuels
- Mild acids
- Mild alkalis
- Water

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