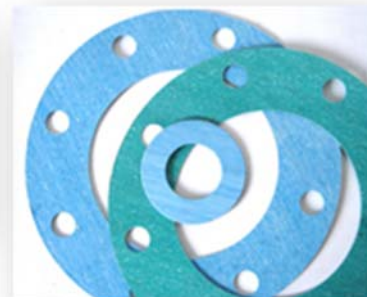




STYLE 3000NA – ARAMID FIBER/NBR BINDER NON-ASBESTOS SHEET



CONSTRUCTION

Style 3000NA is a compressed non-asbestos sheet gasket material produced from a combination of aramid and other synthetic fibers and bonded with nitrile rubber (NBR). It is manufactured through the hot calendar process under rigorous quality control standards that are registered under ISO-9001 certification.

APPLICATION / SERVICE

Style 3000NA is a very good general service gasket material that has numerous applications in the process industries and in the water and wastewater industry. It is also commonly used in equipment such as valves and pumps. Style 3000NA is suitable for service handling the following general media categories:

- Mild inorganic acids
- Diluted alkalis
- Aliphatic solvents
- Synthetic oils
- General chemicals
- Mild organic acids
- Water
- Industrial gases
- Vegetable oils
- Neutral solutions
- Refrigerants
- Brine
- Animal oils
- Petroleum and Derivatives
- Air

SERVICE LIMITS

| Type | Description | Value |
|-------------------------|----------------|--------------------|
| Temperature Limits | Maximum | 750°F (400°C) |
| | Continuous Max | 460°F (240°C) |
| Pressure Limits | Maximum | 1595 psi (110 bar) |
| | Continuous Max | 725 psi (50 bar) |
| ASTM Line Call Out F104 | F712120E22M5 | |
| | | |

TYPICAL PHYSICAL PROPERTIES

| ASTM Test Method | Property | Value |
|------------------|---|-------------------------------------|
| - | Density | 109 lb/ft ³ (1.75 gm/cc) |
| F36 | Compressibility | 7-17% |
| F36 | Recovery | min 45% |
| F38 | Tensile Strength Across Grain | 1670 psi (11.5 N/mm ²) |
| F495 | Ignition Loss | max 34% |
| F146 | Thickness Increase After 5 Hour Immersion | |
| | ☒ ASTM IRM 903 @300°F (150°C) | max 12% |
| | ☒ ASTM Fuel B @77°F (25°C) | max 10% |
| F146 | Weight Increase After 5 Hour Immersion | |
| | ☒ ASTM IRM 903 @300°F (150°C) | max 15% |
| | ☒ ASTM Fuel B @77°F (25°C) | max 15% |
| F38 | Creep Relaxation | 25% |
| | Torque Retention (DIN 52913) | 28 N/mm ² |
| F37 | Sealability at 1000 psi | 0.25 ml/h |

| SHEET SIZE | PART NUMBER |
|------------------------------|------------------|
| 1/64" X 60" X 60" | SDS-06455-3000NA |
| 1/32" X 60" X 60" | SDS-03255-3000NA |
| 1/16" X 60" X 60" | SDS-06255-3000NA |
| 3/32" X 60" X 60" | SDS-09355-3000NA |
| 1/8" X 60" X 60" | SDS-12555-3000NA |
| LARGER SHEET SIZES AVAILABLE | |



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