

NBR NITRILE / NYLON DIAPHRAGM SHEET RUBBER

| M47 (CODE: TX1B1N2040) x 0.4mm thick (+/-0.04) | | |
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| ELASTOMER CHARACTERISTICS | VALUE | TEST METHOD |
| Elastomer | NBR Nitrile Rubber 613 Grade | |
| Gravity | 1.15 g/cm ³ (+/-0.05) | UNI 4818-4 |
| Hardness | 55°(+/-5) Shore A | UNI EN ISO 868 |
| Colour | Black | |
| FABRIC CHARACTERISTICS | | |
| Fabric | 100% Nylon 210 Grade | |
| Weight | 110(+/-5) g/m ² | UNI 5114 |
| Thickness | 0.20(+/-0.01)mm | UNI EN ISO 5084 |
| No. of Threads | 26 x 20 / cm | UNI EN 1049-2 |
| COATED FABRIC CHARACTERISTICS | | |
| Thickness | 0.40mm (+/-0.04) | UNI EN ISO 2286-3 |
| Weight | 460 g/m ² (+/-10%) | UNI EN ISO 2286-2 |
| Tensile Strength | Warp: Weft: | ≥ 1100 N/5cm UNI EN ISO 1421 ≥ 1100 N/5cm UNI EN ISO 1421 |
| Elongation at Break | Warp: Weft: | ≥ 20% UNI EN ISO 1421 ≥ 20% UNI EN ISO 1421 |
| Adhesion | ≥ 10 N/cm | UNI ISO 36 |
| Temperature Range | -30°C to +90°C | |

Suitable for LPG & CNG, Compressed Air, Methane, Pentane, Propane, Aliphatic Hydrocarbons. Mineral & Silicone Oils.

Some internal testing has been done on our materials and whilst no formal approval has been sought, our materials fully meet the requirements of BS:EN:549: 1995 "Rubber materials for seals and diaphragms for gas appliances and gas equipment".