

| Data Sheet | | NBR Coated Nylon Fabric 150 GSM | |
|--------------------|---------------------|---------------------------------|--|
| Data Sheet Type | Final | | |
| Material Reference | NBR/Nylon 150GSM | | |
| Polymer | NBR | | |
| Date Issued | 05/09/25 | | |



Description

Nitrile coated Nylon cloth is a general purpose grade Nylon fabric, coated on both sides with nitrile to enhance technical properties. As with nitrile rubber sheeting, the coating provides excellent resistance to petroleum based fluids, oils and greases, , making it a popular choice for sleeves, connectors, compensators and bellows in external applications.

| Specifications | Values | Test Methods |
|---|-------------|--------------|
| Accelerated Ageing - Change in Elongation at Break (168 Hours @ 70°C) | -35 % | BS903 |
| Accelerated Ageing - Change in Tensile Strength (168 Hours @ 70°C) | -10 % | BS903 |
| Accelerated Ageing - Change in Hardness (168 Hours @ 70°C) | +10 ° Shore | BS903 |
| Compression Set | 20 % | BS903 |
| Elongation at Break | 250 % | BS903 |
| Fabric Weight | 150 g/m 2 | None |
| Highest Recommended Working Temperature | 120 °C | None |
| Lowest Recommended Working Temperature | -20 °C | None |
| Shore Hardness(IRHD) | 60 ° Shore | BS903 |
| Specific Gravity | 1.2 g/cm 3 | BS903 |
| Tear Resistance | 50 kg/cm | BS903 |
| Tensile Strength | 12.5 MPA | BS903 |

Purposes



Oil Resistance



Tear Resistant



Wear Resistant

Important Notes about this Material Data Sheet

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided either Verbally, Electronic or Written, with reference to the above Material Grade.