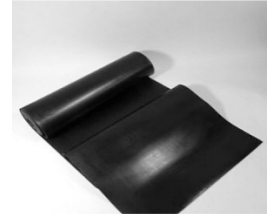


**MATERIAL DATA SHEET**

Material Reference	AKA40
Description	COMMERCIAL QUALITY NITRILE



Properties	Value
Polymer	NBR (30%) / SBR
Colour	Black
Hardness Shore 'A'	70° ± 5° Shore A
Specific Gravity	1.4 ± 0.05 g/cm ³
Tensile Strength	5 Mpa (min)
Elongation At Break	300%
Tear Strength	15 N/mm
Compression Set (22 Hours @ 70°C)	35%
Minimum Continuous Working Temperature	-15°C
Maximum Continuous Working Temperature	80°C
Maximum Intermittent Working Temperature	90°C
Roll/Sheet Width	1400mm

Guidelines for use (It is the responsibility of the Customer to ensure suitability of use)

AKA40 Nitrile is a general purpose, commercial quality material for low to medium duty applications and usage. The predominant polymer is SBR which is blended with NBR (Nitrile) giving varying degrees of resistance.

Additional Information**A general overview on material usage applications:-****NBR [Nitrile Butadiene] - Nitrile**

NBR Nitrile has excellent resistance to petroleum oils and aromatic hydrocarbons, mineral oils and many acids with good elongation, resilience, tensile and compression set properties.

SBR [Styrene Butadiene]

SBR is a synthetic elastomer suitable for low to medium duty applications involving air, water and diluted mixtures for economic, general purpose applications.

The figures and test data on this datasheet are average values and the result of many years of tests and trials.

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