



NITRILE RUBBER SHEETS

Nitrile rubber or acrylonitrile butadiene rubbers a co-polymer of butadiene and acrylonitrile. It has good general resistance to oil along with good mechanical properties, especially tensile strength, flexing, compression set and impermeability to gases. It has moderate aging properties and good adhesion to metal. Its recommended operating temperature range is -30° C to + 120° C. It also displays a good resistance to inorganic chemical products except antioxidant agents and chlorine. It gives satisfactory resistance to general hydrocarbons. Due to its polar nature, we do not recommend its use with polar liquids like ketones, ethers and amines.

NITRILE RUBBER SHEETS-SPECIAL RUBBER GRADE

Code	Specific Gravity	Hardness +/- 5	Tensile Strength (min)	E Longation at break (min) %	Abrasion mm ³ 10 N	Compression Set At 70° C for 22 Hrs %	Change in Volume at ASTM Oil No 3 70° C/22 Hrs %	Temp. Range ° C	Colour								
										gm/cm ³	Shore A	kg/cm ²	(min) %	mm ³ 10 N	70° C for 22 Hrs %	%	° C
										CKNT110065	1.35	65	100	350	250	30	15
CKNT15065	1.35	65	50	300	---	30	20	-30 to +70	Black								
CKNT15070	1.45	70	50	250	300	40	75	-30 to +90	Black								
CKNT17065	1.48	65	70	200	---	35	10	-30 to +120	Black								
CKNT17060	1.5	60	70	300	300	30	12	-30 to +120	Black								

FOOD GRADE RUBBER SHEET

Code	Specific Gravity	Hardness +/- 5	Tensile Strength (min)	E Longation at break (min) %	Abrasion mm ³ 10 N	Compression Set At 70° C for 22 Hrs %	Change in Volume at ASTM Oil No 3 70° C/22 Hrs %	Temp. Range ° C	Colour								
										gm/cm ³	Shore A	kg/cm ²	(min) %	mm ³ 10 N	70° C for 22 Hrs %	%	° C
										CKNT16060	1.40	60	60	350	-	30	15

Standard Length: 10 Mtr.
Standard Width : 1.2/1.4/1.5 Mtr.

Note-

1. One side or both side smooth or fabric finish can be supplied
2. Specifications are subject to change without notice