



KANTA ENTERPRISES

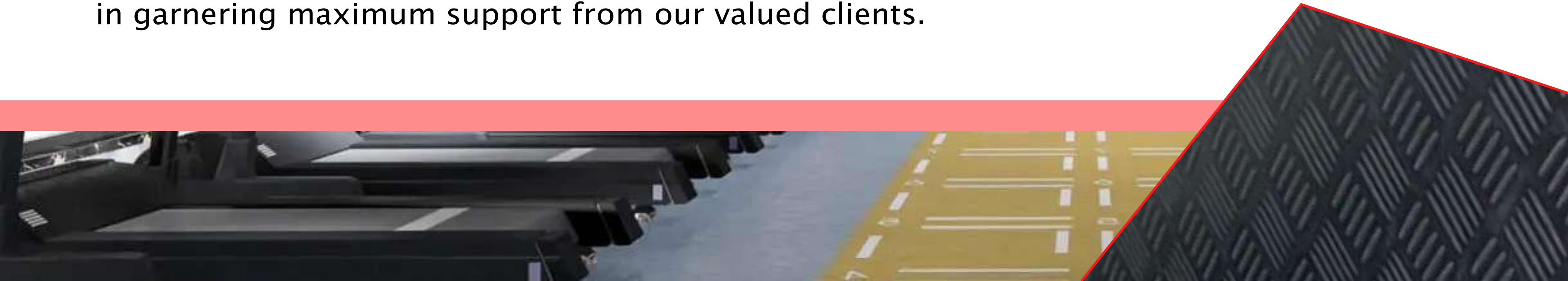
Opp Patharfod Dargha, Jalal Pura
Gandhibag, Nagpur-440032

www.kantaenterprises.in
info@kantaenterprises.in
9890614011

About Us

Established in 2003, “KANTA ENTERPRISES” Industries has been steadfastly dedicated as a manufacturer and wholesaler committed to delivering premium-quality products such as Rubber Sheets, Electrical Mats, Rubber Conveyor Belts, Hose Pipes, Hose Fittings, Rubber Pads, and Rubber Water Stoppers.

Under the leadership of **Mr. Sujeet bothra**, the proprietor of our company, we have achieved a distinguished position in the industry. His guidance has played a pivotal role in garnering maximum support from our valued clients.



Our Products

Hose

- ▶ **OIL SUCTION & DISCHARGE HOSE**
- ▶ **WATER SUCTION & DISCHARGE HOSE**
- ▶ **CHEMICAL SUCTION & DISCHARGE HOSE**
- ▶ **RUBBER SANDBLAST HOSE**
- ▶ **RUBBER CEMENT GROUTING HOSE**
- ▶ **FLY ASH /SLURRY HOSE**
- ▶ **FOOD GRADE BREWERY SUCTION & DISCHARGE HOSE**
- ▶ **RUBBER WATER DELIVERY HOSE**
- ▶ **MULTI PURPOSE SUCTION & DISCHARGES HOSE**

Rubber Sheet

- ▶ **ELECTRICAL RUBBER MAT-IS 5424**
- ▶ **NATURAL RUBBER SHEET/SBR**
- ▶ **EPDM RUBBER SHEET**
- ▶ **NITRIL RUBBER SHEET**
- ▶ **SILICONE RUBBER SHEET**
- ▶ **NEOPRENE RUBBER SHEET**
- ▶ **ELECTRICAL INSULATING MAT IS 15652:2006**
- ▶ **SHOT BLASTING RUBBER SHEET**
- ▶ **WHITE FOOD GRADE RUBBER SHEET**
- ▶ **VITON RUBBER SHEET**
- ▶ **RUBBER COW MAT**
- ▶ **SYNTHETIC RUBBER SHEET**

OIL SUCTION & DISCHARGE HOSE (OUTER PLAIN SURFACE)



I.D		O.D	W.P		B.P		Bending Radius
MM	INCH	MM	BAR	PSI	BAR	PSI	MM
31	1.1/4	44	10	150	30	435	190
38	1.1/2	51	10	150	30	435	230
50	2	64	10	150	30	435	310
63	2.1/2	78	10	150	30	435	380
75	3	91	10	150	30	435	460
100	4	119	10	150	30	435	610
125	5	146	10	150	30	435	760
150	6	173	10	150	30	435	920

IS 10733

Tube: Specially compounded oil resistant synthetic rubber

Reinforcement: High tensile synthetic piles with helix steel wire and a copper wire

Cover: Black smooth fabric mark NBR rubber compound resistance to oil, fuel, weather & ozone & abrasion

Properties: Seamless, Uniform Thickness, Flexible, Very Strong

Standard length: 20 mtr and 40 mtr

Temperature Range:
-26°C to +85°C Approx

WATER SUCTION & DISCHARGE HEAVY DUTY HOSE



IS:3549 /1983 Type 2

Application: For dewatering and delivery purposes during reflooding, handling for waste water, sewerage and mud at maximum working pressure of 0.7,1.0 and 1.5 MPa.

TYPE: Hose having smooth bore.

LINING: Natural/Synthetic/blend rubber compound lining for the water and abrasion resistance.

REINFORCEMENT: Reinforcement for the rubber impregnated woven textile applied on bias at approx. 45" angle combination with galvanized steel wire.

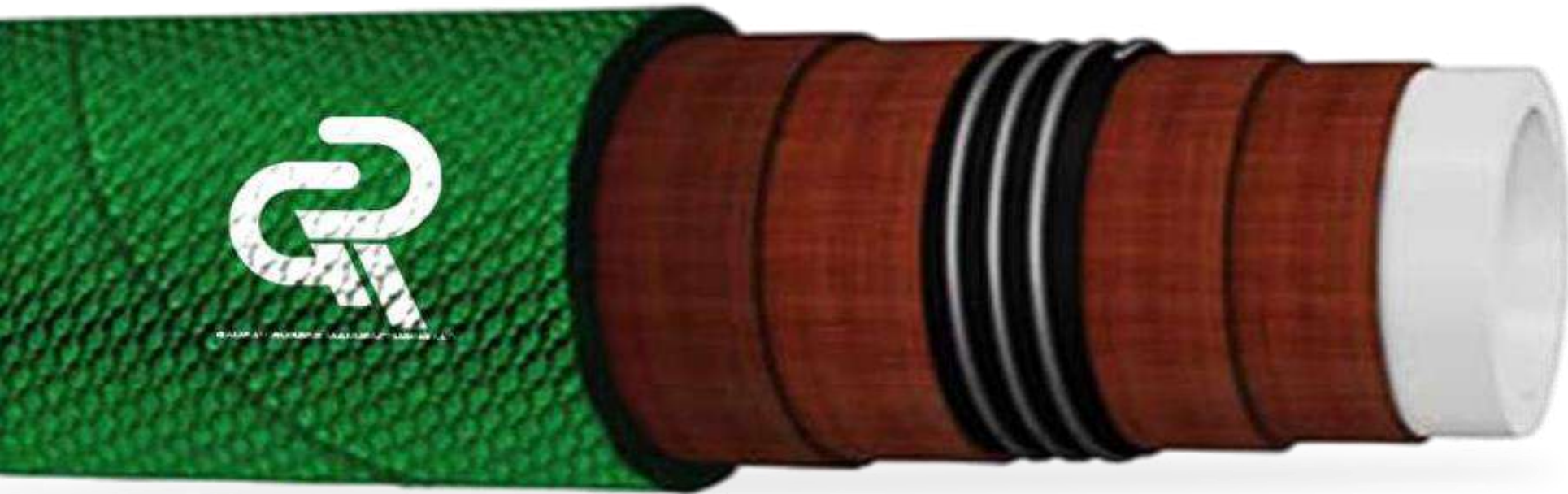
COVER: Corrugated cloth marked finish outer cover made from natural rubber compound resistance to water, sunlight, UV rays, ozone, abrasion etc.

Nom. Bore MM	Tolerance on Nom. Bore MM	Min. Tak. of Lining MM	Min. Thk. of Cover MM	Min. Thk. of Filler MM	Length of Soft ends MM
25.00	±1.25	2.00	1.50	1.00	80±5
31.50	±1.25	2.00	1.50	1.00	80±5
38.00	±1.50	2.00	1.50	1.00	80±5
45.00	±1.50	2.00	1.50	1.00	80±5
50.00	±1.50	2.50	1.50	1.00	80±5
56.00	±1.50	2.50	1.50	1.00	80±5
63.00	±1.50	2.50	1.50	1.00	80±5
75.00	±2.00	2.50	1.50	1.00	80±5
100.00	±2.00	3.00	1.50	1.50	105±5
125.00	±2.00	3.00	2.00	1.50	145±5
150.00	±2.00	3.00	2.00	1.50	145±5
200.00	±.00	3.50	2.00	2.00	145±5
250.00	±3.00	3.50	2.00	2.00	145±5

PRESSURE: W.P. of 0.7MPa & min. B.P. of 2.1 MPa., W.P. of 1.0 MPa. & min. B.P. of 3.0 MPa., W.P. of 1.5 MPa & min. B.P. of 4.5 MPa.

W.P. : Working Pressure, **P.P. :** Proof Pressure, **B.P. :** Burst Pressure, **1MPa :** 10.2Kgf/Cm² 1Kgf/Cm²:100KN/m²

CHEMICAL SUCTION & DISCHARGE HOSE



Core: White color, Synthetic rubber with XLPE liner

Reinforcement: High Tensile Synthetic Textile Cord with steel helix and 2 cross anti-static wire

Cover: Green color EPDM, wrapped type, abrasion and weather resistant

Application: Excellent in handling petroleum based products, hydrocarbon solvents, oxidizing chemicals, major strong acid and alkali as well as organic fluid etc.

Temperature Range:

Continuous: -20°C to +120°C

Dash Size	ID		OD		WP		BP		V	W
	INCH	MM	INCH	MM	PSI	BAR	PSI	BAR	BAR	KG/M
-12	3/4	19.0	1.18	30.0	250	17	750	51	0.9	0.80
-16	1	25.0	1.38	35.0	250	17	750	51	0.9	1.39
-20	1.1/4	32.0	1.73	44.0	250	17	750	51	0.9	1.52
-24	1.1/2	38.0	1.97	50.0	250	17	750	51	0.9	2.00
-32	2	51.0	2.64	67.0	250	17	750	51	0.9	2.70
-40	2.1/2	63.0	3.11	79.0	250	17	750	51	0.9	3.20
-48	3	76.0	3.70	94.0	250	17	750	51	0.9	4.50
-64	4	102.0	4.72	120.0	250	17	750	51	0.9	4.80

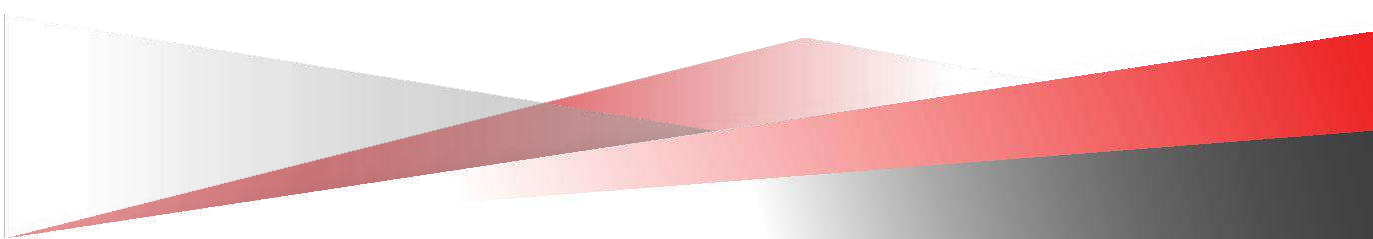
RUBBER SANDBLAST HOSE



Nominal Id		Mean O.D.		Max Working Pressure		Min Bursting Pressure		Max Vacc-um	Min Bend Radius
INCH	MM	INCH	MM	BAR	PSI	BAR	PSI	INCH/HG	MM
3/4"	20	1.32	34	12	175	36	525	20	175
1"	25	1.56	40	12	175	36	525	15	230
1-1/4"	31.0	1.90	48	12	175	36	525	10	255
1-1/2"	38.0	2.21	54	12	175	36	525	10	300
2"	50.0	2.81	72	12	175	36	525	10	400
2-1/2"	75	4.00	102	12	175	36	525	10	

EXCEEDS IS: 5894 TYPE 2

- Tube:** Abrasion resistant, anti-static modified natural & synthetic rubber blend.
- Reinforcement:** Two braids of high tensile synthetic yarn with antistatic, copper flex wire.
- Cover:** Excellent weather & abrasion resistant modified natural rubber black.
- Temperature Range:** -30°C to +70 °C



RUBBER CEMENT GROUTING HOSE

As Per IS: 5137:1990



Lining: uniform seamless and extra thick tube of natural/synthetic/blend rubber compound of excellent abrasion resistance and free from air blisters, porosity and other defects.

Reinforcement: Plies of rubber impregnated woven textiles or braided high strength natural/synthetic yarns.

Cover: Suitable rubber compound with cloth marked finish, resistant to abrasion and weather.

Electrical Bonding: A strand of copper wire is embedded between the reinforcement plies to provide electrical continuity throughout the length of the hose.

Pressure:

W.P. of 10 MPa & min. B.P. 4.0 MPa

Temperature Range:

20°C t +80°C

Nom. Bore	Tolerance on Nom. Bore	Min. thk. Of lining	Min. thk. Of cover
MM	MM	MM	MM
25.00	± 1.25	6.3	1.5
31.05	± 1.25	6.3	1.5
38.00	± 1.50	6.3	1.5
50.00	± 1.50	6.3	1.5
63.00	± 1.50	6.3	1.5
75.00	± 2.00	6.3	1.5

FLY ASH /SLURRY HOSE



ID		OD	W.P.		B.P.		Bend- ing Radius	Max. Coil Length
MM	INCH	MM	BAR	PSI	BAR	PSI	MM	MTR
31	1.1/4"	44	10	150	30	435	190	40/LL
38	1-1/2"	51	10	150	30	435	230	40/LL
50	2"	64	10	150	30	435	310	40/LL
63	2-1/2"	78	10	150	30	435	380	40
75	3"	91	10	150	30	435	460	40
100	4"	119	10	150	30	435	610	40
125	5"	146	10	150	30	435	760	40
150	6"	173	10	150	30	435	920	40

Tube: Specially compounded abrasion resistant natural rubber, high resilient, Black colour.

Reinforcement: High tensile synthetic plies with helix wire and copper wire.

Cover: Black abrasion resistant natural rubber cover, Wrap finish.

Applications: For suction and discharge of bulk material like cement, gravel and sand etc. in construction industry

Properties: High abrasion resistance, Seamless, Uniform Thickness, FIXFLEX FLY ASH, Flexible

Temperature Range: -40°C to +70°C Approx

FOOD GRADE BREWERY SUCTION & DISCHAGE HOSE

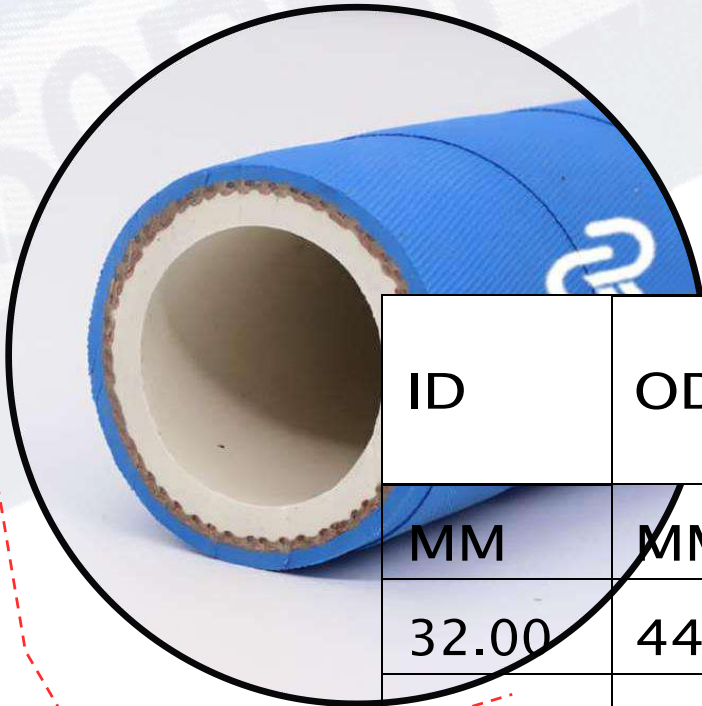


Tube: White EPDM with UHMWPE Lining (Food Grade)

Reinforcement: High Tensile synthetic piles with helical wire

Cover: Blue, EPDM Weather, ozone and abrasion resistant

Standard colour: Inner tube– white, translucent lining Outer cover – blue



Temperature Range:

–30 °C Approx to +120 °C approx

ID	OD	W.P.		B.P.		Coil Lenght
MM	MM	BAR	PSI	BAR	PSI	MTR
32.00	44	10	1150	30	450	40
38.00	50	10	150	30	450	40
51.00	63	10	150	30	450	40
63.00	78	10	150	30	450	40
76.00	92	10	150	30	450	40
102.00	118	10	150	30	450	40
152.00	170	10	150	30	450	40
203.00	223	10	150	30	450	40

MULTI PURPOSE SUCTION & DISCHARGES HOSE



Tube: Specially Compounded Synthetic Rubber, Black

Reinforcement: High Strength Synthetic Plies with helix wire

Cover: Black synthetic rubber cover

Application: For suction & discharge of Crude oil, mild chemicals, petroleum waste, sediments, sludge, slurries & water in oil field waste recovery, tank truck & general industry

I.D		O.D	W.P		B.P		Bending Radius	Max. Coil Length
MM	INCH	MM	BAR	PSI	BAR	PSI	MM	MTR.
31	1.1/4	44	10	150	30	450	190	40
38	1.1/2	51	10	150	30	450	230	40
50	2	64	10	150	30	450	310	40
63	2.1/2	78	10	150	30	450	380	40
75	3	91	10	150	30	450	460	40
100	4	119	10	150	30	450	610	40
125	5	146	10	150	30	450	760	40
150	6	173	10	150	30	450	920	40

Properties: Seamless | Uniform Thickness | Flexible | Very Strong

Standard Color: Inner Tube – Black | Outer Cover – Black

Temperature Range:
-20°C Approx to +85°C Approx

NATURAL RUBBER SHEET/SBR



Natural rubber sheets or **poly-isoprene rubber sheet** is the most widely used rubber sheet for almost all general and most dynamic applications.

In some areas, NR is compounded with SBR to increase the temperature resistance of natural rubber sheet.

Colors: Black/white/beige/any other color

Main Properties: It offers excellent mechanical properties like high resilience, low compression set, high resistance to cut, tear and abrasion etc. NR also has excellent electrical properties.

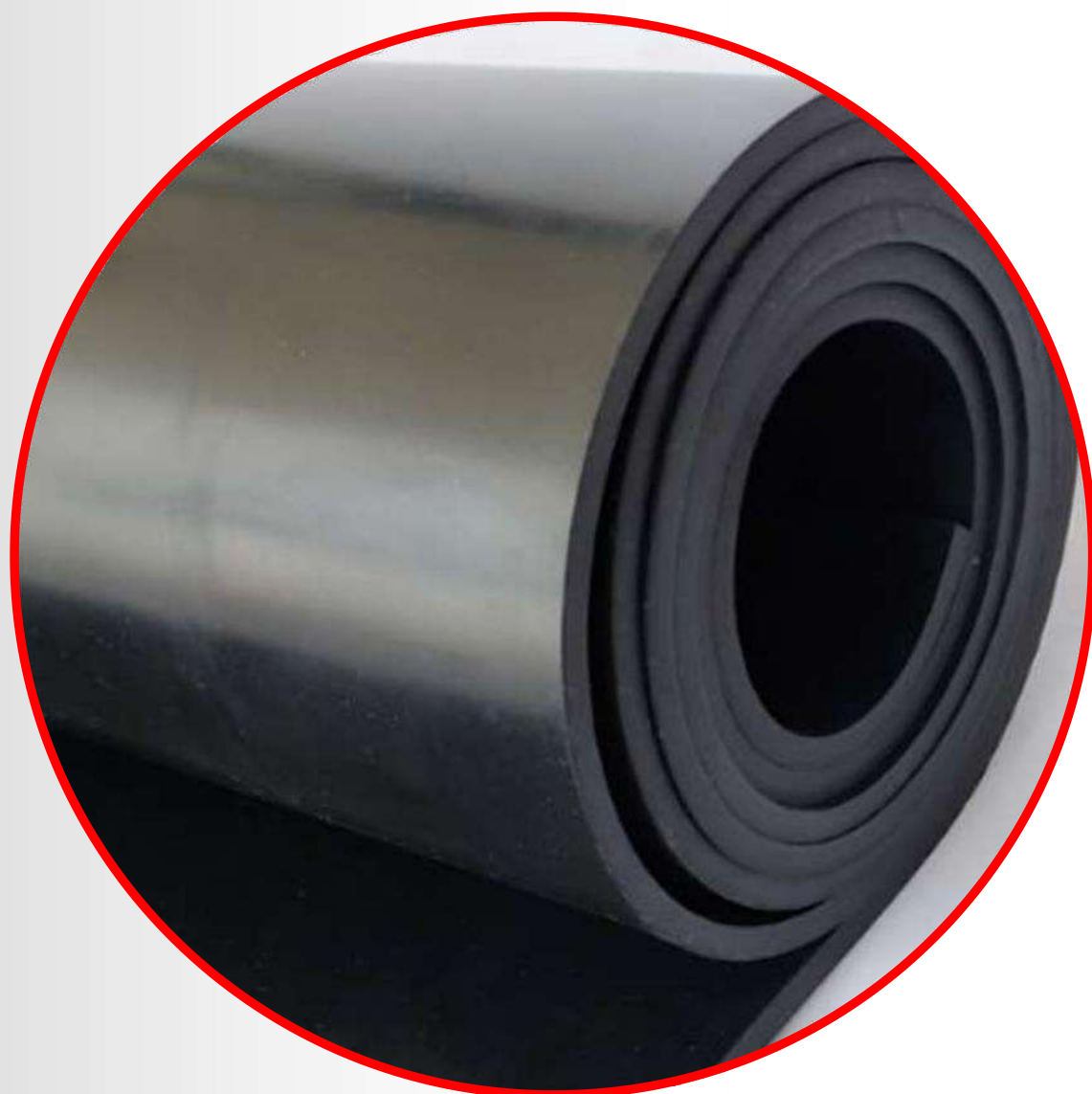
Natural rubber sheets also offer resistance to many acids, alkalis and salts.

Common name	Chemical name	Nomenclature	Hardness Range	Low Temperature Resistance	Heat Resistance	Tensile Strength	Elongation Strength
Natural Rubber	Polyisoprene	NR	Shore A 30-90	-30°C	Max. Continuous -75°C Max. intermittent -150°C	Up to 200 kg/cm sq.	Up to 800%

Specific Gravity	Thickness	Width	Length	Surface	Insertion	Packaging	Compression set
1.05-1.8 gm/cm ³	0.5-6mm 6-60mm	1.0/1.2m 1.0/1.2m	10 m 2.0/2.4m	Plain (smooth) /fabric marked /patterned.	Possible- Nylon/cotton /polyester	Rolls/flats	Max 50% for 22 hrs at 70°C

Main Limitations : Bad resistance to oil and organic fluid.

EPDM RUBBER SHEET



EPDM rubber sheet is special application sheet and proved its suitability in numerous of areas. It has very good weather proof quality that makes the best choice for the outdoor use.

Main properties: EPDM rubber sheet has the properties like high resistivity to steam, water, aging, ozone, oxidation, impermeable to gas, acid proof, good resistance to many chemicals and solvents including may corrosive chemicals. These types of rubber sheets remain stable for long periods of time due to its inert structure.

Main limitations: Bad resistance to oil, moderate compression set etc.

Common name	Chemical name	Nomenclature	Hardness Range	Low Temperature Resistance	Heat Resistance	Tensile Strength	Elongation Strength
EPDM	Ethylene Propylene Diene monomer	EPDM	Shore A 40-95	-45° C	Max. Continuous -120°C Max. intermittent -140°C	Up to 150 kg/cm sq.	Up to 400%

Specific Gravity	Thickness	Width	Length	Surface	Insertion	Packaging	Compression set
1.2-1.40 gm/cm	0.5-6 mm 6-60mm	1.0/1.2m 1.0/1.2m	10 m 2.0/2.4m	Plain (smooth)/ fabric marked/ patterned.	Possible- Nylon/cotton /polyester	Rolls/flats	Max 45% for 22 hrs at 70°C

NITRIL RUBBER SHEET



Nitrile rubber sheets are generally popular as Oil resistance rubber sheets as these shows very good resistance to petroleum based products.

NBR rubber sheets are produced in accordance with BS 2751 standard.

Main Properties: NBR rubber sheets offers excellent properties like impermeability to gases, resistance to inorganic chemicals, high resistivity to all petroleum products, high temperature resistance etc.

Main Limitations: Bad resistance to anti-oxidant agents, chlorines, moderate mechanical strength comparing to NR, moderate weather resistance.

Common name	Chemical name	Nomenclature	Hardness Range	Low Temperature Resistance	Heat Resistance	Tensile Strength	Elongation Strength
Nitrille	Nitrile Butadine Rubber	NBR	Shore A 40-95	-20° C	Max. Continuous -100°C Max. intermittent -130°C	Up to 150 kg/cm sq.	Up to 400%

Specific Gravity	Thickness	Width	Length	Surface	Insertion	Packaging	Compression set
1.32-1.50 gm/cm	0.5-6 mm 6-60mm	1.0/1.2m 1.0/1.2m	10 m 2.0/2.4m	Plain (smooth)/ fabric marked/ patterned.	Possible- Nylon/cotton /polyester	Rolls/flats	Max 40% for 22 hrs at 70°C

SILICONE RUBBER SHEET

Silicone rubber due to its inert nature is the most preferred choice for Medical, pharmaceutical and food industry.

Colors: White/Red.

Main Properties: Silicone rubber sheet has the excellent outstanding resistance to oxidation, ozone and weathering. It stays constant at high temperatures and maintains flexibility at even very low temperature.

Main Limitations: Bad fuel resistance & Poor physical strength and bad tear and abrasion resistance.

Common name	Chemical name	Nomenclature	Hardness Range	Low Temperature Resistance	Heat Resistance	Tensile Strength	Elongation Strength
Silicone	Polysiloxane	Si	Shore A 45-70	-65° C	Max. Continuous-200°C Max. intermittent-300°C	Up to 50 kg/cm sq.	Up to 200%

Specific Gravity	Thickness	Width	Length	Surface	Insertion	Packaging	Compression set
1.15-1.25 gm/cm	0.5-6 mm 6-60mm	1.0/1.2m 1.0/1.2m	2.0/2.4m 2.0/2.4m	Plain (smooth)/ fabric marked/ patterned.	Possible- Nylon/cotton /polyester	Rolls/flats	Max 45% for 22 hrs at 70°C

NEOPRENE RUBBER SHEET



Neoprene rubber is a rubber which has excellent mechanical and good abrasion resistance. It compounded especially, posses flame retardant properties.

Colour: Black

Main properties: CR (Neoprene) rubber sheet has the properties like high resistance to heat, ozone, weathering, inorganic hydrocarbons, water resistant. This rubber is mainly used in marine due to good ozone and water resistance.

Main Limitations: Bad resistance to fuel.

Common name	Chemical name	Nomenclature	Hardness Range	Low Temperature Resistance	Heat Resistance	Tensile Strength	Elongation Strength
Neoprene	Polychloro-prene	CR	Shore A 45-80	-35° C	Max. Continuous -95°C Max. intermittent-120°C	Up to 135 kg/cm sq.	Up to 450%

Specific Gravity	Thickness	Width	Length	Surface	Insertion	Packaging	Compression set
1.35-1.55 gm/cm	0.5-6 mm 6-60mm	1.0/1.2m 1.0/1.2m	10m 2.0/2.4m	Plain (smooth)/ fabric marked/ patterned.	Possible- Nylon/cotton /polyester	Rolls/flats	Max. 45% for 22 hrs at 70°C

ELECTRICAL INSULATING MAT IS 15652:2006

S.NO.	CLASS OF MATS	THICKNESS	DI-ELECTRIC STRENGTH	AC RMS VOLTAGE
1	A	2.00MM	30KV	3.3 KV
2	B	2.50MM	45KV	11 KV
3	C	3.00MM	65KV	33 KV

TECHNICAL SPECIFICATIONS:

S.No.	Characteristics		Standard Values		
1	Thickness		2.0MM	2.5MM	3.0MM
2	Tensile Strength (N/mm2)		15	2.5MM	3.0MM
3	Elogation (%)		250	2.5MM	3.0MM
4	Insulation res stance withWater at 500 V	1,000,000 MΩ		2.5MM	3.0MM
5	Leakage Current at 11KV	10 mA		2.5MM	3.0MM
6	Di Electric Strength	45 KV		2.5MM	3.0MM
7	Break Down Voltage	30 KV should withstand for 1 Min	45 KV should withstand for 1 Min	65 KV should withstand for 1 Min	
8	Flame Retardance (Effect to acid, Alkali,Diesel & Transformer Oil Acid Tensile Str, (N/mm2) Elong (%)	5.0 sec. % change from original value	5.0 sec. % change from original value	5.0 sec. % change from original value	
9	Alkali; Tensil Str, (N/mm2) Elong (%) Diesel: Tensil Str, (N/mm2) Elong (%) T.OIL: Tensil Str, (N/mm2) Elong (%)	Tensile Strength 20% Elongation 2%	Tensile Strength 20% Elongation 2%	Tensile Strength 20% Elongation 2%	
10	Ageing Properties at 70°C for 168 hrs. Tensile Strength Elogation (%)	% change from Original value T.S.- 25%	% change from Original value T.S.- 25%, E-25%	% change from Original value T.S.- 25%	



SHOT BLASTING RUBBER SHEET



Construction: Natural/ Synthetic/ Blend high abrasion resistant rubber compounds.

Application: Used in sand/shot blasting purposes. It is also used in steam processing equipment's, chambers etc.

Construction: Synthetic high temperature & degradation resistant rubber compound.

Thickness: 1.5mm to 100.0mm as per requirement.

Size of Rubber Sheets: 1.20 mtr. Width & Length up to 2.40 mtr. In Press finish. Long length from 0.5 mm to 6.0 mm thickness in calendered finish.

Surface: Plain/Patterns

WHITE FOOD GRADE RUBBER SHEET



Product Description: Our White Food Quality Natural Rubber sheeting is a high quality, FDA approved, food safe natural rubber with a hardness of 60° shore. It offers superior abrasion resistance, elongation and break and tensile strength when compared to the synthetic counter parts making it a highly durable alternative.

Technical Specification:

Properties	Test Method	Values
Product	-	Food Contact Rubber Sheeting
Compound	-	NR/SBR
Hardness (Shore A)	ISO 7619-1	60° ±5°
Density	ISO 2781	1.55 g/cm ²
Tensile Strength	ISO 37	3.5 N/mm ²
Elongation at Break	150 37	300%
Tear Strength	ISO 34-1	26 kg/cm
Abrasion Resistance	ISO 37	160mm
Compression Set (22hrs @ 70°C)	Properties	29%
Working Temperature Range	ISO 37	-45°C to +85°C

VITON RUBBER SHEET



Applications:

- O Rings
- Gaskets
- Hoses
- Aircraft Aerospace & Automotives
- Oil &

Technical Specifications:

- Tensile Strength: 8.0 MPa
- Specific Gravity: 1.95 (+0.05)
- Hardness: 75 "Shore A (15)
- Elongation at Break: 200%
- Temperature Range: -40°C to +300°C
- Colour Black

SYNTHETIC RUBBER SHEET



Application: Synthetic rubber sheets are used in oil and temperature.

Thickness: 1.5mm to 50 mm as per requirement

Size of rubber sheets: 1.20 mtr. Width % length up to 2.40 mtr in press finish. Long length from 0.5 mm to 12 mm thickness in calendered finish.

Size: 1.2m X 10m

Surface: Plain/Patterns

Contact Info



+91 9890614011



info@kantaenterprises.in
www.kantaenterprises.in



Factory: Opp Pathar Fod Dargha, Jalal pure
Gandhibag, Dist. Nagpur-412105.
Maharashtra, INDIA