



**KANTA RUBBER PVT. LTD.**

AN ISO 9001-2000 CERTIFIED COMPANY

★ KANTAFLEX ★

- Elastomeric Bridge Bearings
- Bridge Expansion Joints
- Concrete Foam Liner
- Anti Vibration Pad
- Rubber Sheets & Hoses
- Electrical Rubber Mats

## **COMPANY PROFILE** **&** **Product Details**

- KANTAFLEX™ Elastomeric Bridge Bearings.
- KANTAFLEX™ Bridge Expansion Joints.
- KANTAFLEX™ Electrical Insulating Rubber Mats.
- KANTAFLEX™ PVC Water Stoppers.
- KANTAFLEX™ Concrete Form Liners.
- KANTAFLEX™ Rubber Hoses including Concrete Discharge End Hose.
- KANTAFLEX™ PVC Flexible Pipes & Profiles.
- KANTAFLEX™ Customized rubber and PVC articles through molding or extrusion process including in conductive rubber, like PVC (Handrails, Crack Inducing Canal Joints), Rubber (Anti vibration pads, Fluted / Chequered Mats, Bellows, Chute, Fenders), Geo Membrane & Geo Textile, Floating Roof Tank Sheet, UHMEPE Sheets for use as liners in silos etc.



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**Kanta Rubber P. Ltd.,** (KRPL) is a more than two decade old company with focus on servicing the infrastructure industry like roads and bridges, construction, power apart from various other industries through its range of rubber and polymer based product range as given below. Our manufacturing facility is ISO 9001 certified, thus ensuring continuous and consistent quality:

1. Elastomeric Bridge Bearings for Road and Railway Bridges.
2. Expansion Joint Systems like Elastomeric Strip Seal Joints, Elastomeric Slab Seal, Compression Pavement Seal, Elastomeric Compression Seal, Cap Seal Expansion Joint (Omega Seal), Bridging Seal Expansion Joint, PVC Expansion Joint, Expansion Filler Joints, for Road Bridges as well Railway Bridges.
3. Insulating Rubber Mats.
4. PVC Water Stoppers for water retaining structures.
5. PVC Foam Liners for concrete application.
6. Rubber Hoses for various application – customized design and solutions.
7. PVC Flexible Pipes and Profiles - customized design and solutions.
8. Customized rubber and PVC articles through molding or extrusion process including in conductive rubber, like PVC (Handrails, Crack Inducing Canal Joints), Rubber (Anti vibration pads, Fluted / Chequered Mats, Bellows, Chute, Fenders), Geo Membrane & Geo Textile, Floating Roof Tank Sheet

KRPL is a Small Scale Industrial unit, also registered with NSIC, with manufacturing base in Hyderabad (Andhra Pradesh) and marketing offices in Chennai, Mumbai, Delhi, Bangalore, Coimbatore, Vishakhapatnam and liaison offices in other parts of the country. Our updated and well equipped manufacturing set up, Quality Assurance facilities, and R&D set up alongwith our reach to the customer allows us to offer quick, customized and cost effective services to our esteemed customers across a wide spectrum of industries and applications all over India.

We are registered and approved for our products. Some of them are:

1. **Elastomeric Bridge Bearings:** Ministry of Shipping, Road Transport and Highways (Dept. of Road Transport & Highways), Government of India vide their letter number RW/NH-34057/1/95-S&R (B) dated 23.06.2005.
2. **Elastomeric Bridge Bearings & Expansion Joints:** Research Design & Standards Organization (RDSO), Ministry of Railways, Government of India vide their renewal letter number CBS/PBEJ/Reg/Kanta Rubber dated 10.09.2009.
3. **Elastomeric Bearings, Rubber Bearings, Rubber Hoses etc:** Directorate General of Supplies & Disposals (DGS&D), Department of Commerce, Ministry of Commerce & Industry, Government of India vide their Registration Certificate dated 28-04-2006.
4. **Bureau of Indian Standards (BIS):** Insulating Rubber Mats (IS:15652-2006) and PVC Water Stops (IS: 15058 : 2002). (Applications under processing and we are expecting the approvals shortly).
5. **NSIC, DGQA, DGS&D, SSI, BIS, etc.**



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## CUSTOMER FIRST



We, at KRPL believe in Complete Customer Satisfaction & Service (C<sup>2</sup>S<sup>2</sup>) as we trust and completely subscribe to the philosophy that the reason of our existence is the customers' confidence in us and we do everything possible to live up to the expectation from our esteemed customers by providing cost effective yet quality products to them in time and all the time. This is the guiding philosophy and the motivating factor that directs and drives all our plans and actions to achieve ever increasing and greater levels of achieving Complete Customer Satisfaction & Service. We regularly invest in updating and maintaining our Plant and Machinery, R&D facilities as well in the Quality Assurance facilities. Selection of our raw material is through an uncompromised process to ensure the best quality raw materials, suitable for the end product, are only selected and used as per the best manufacturing practice. We very strongly believe in our human resources as the best of the facilities and raw materials cannot deliver without trained, experienced, qualified and motivated personnel. Thus all our resources are geared to constantly achieve Complete Customer Satisfaction & Service. That our efforts are being appreciated by our esteemed customers is evident from our ever expanding customer list given later in this profile.



## YOU CAN DEPEND ON US– WE BET OUR LIFE ON THAT





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## RESPONSIBLE ORGANIZATION

We also believe that apart from Customers, Staff & Workers, Suppliers and Shareholders, the surroundings that we live, the environment, is also a stake holder. Doing our bit, we take all precautions to minimize the pollution and thus leaving a healthier and greener world for the sake of current and future generations. We are certified and registered with the competent Pollution Controlling Authority (Andhra Pradesh Pollution Control Board) and are happy with this association.



We are also happy to mention here that we also do our bit to promote the industry's interface with the educational institutes in our efforts to encourage the employable



and practical education being imparted to the students. We encourage technical educational institutes to sending their students for internship, projects, and training.



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**PARTIAL CUSTOMER LIST**

(In Alphabetical Order)

We work with a number of reputed customers and consultants, apart from various approving authorities. A partial list covering some of our esteemed customers is given below for your ready reference. A partial list of consultants with whom we have worked is also given after this partial customers' list.

**DETAILS CAN BE PROVIDED UPON REQUEST**



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**PARTIAL CONSULTANTS & INSPECTING AGENCIES LIST**

(In Alphabetical Order)

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**CREDENTIALS CAN BE PROVIDED UPON REQUEST**





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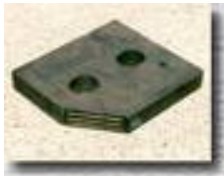
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## KANTAFLEX™ Elastomeric Bridge Bearings

KANTAFLEX™ Elastomeric Bridge Bearings are designed to transform the movement and rotation of bridge structure into elasticity and minimizes the secondary stress generated in bridge because of the layered rubber sheets reinforced by metal plates. These bearings are designed to accommodate vertical, longitudinal, horizontal and transverse loads / movements and rotation of the superstructure caused by thermal effect, traffic loads, structural load, wind load, seismic load etc. These bearings effectively release the stress on the bridge and have excellent rotation in all the directions and movements. The inserted metal plates restrict the rubber expansion on the sides and improve the resistance to load on the bridge as the elasticity of rubber absorbs shock well and lengthens the natural period of stress. Another advantage is the robustness and corrosion free nature of these products, ease and convenience of installation, long service life and customized size to suit the bridge design.

KANTAFLEX™ Elastomeric Bridge Bearings are designed and manufactured as per IRC:83 (Part II) – 1987 with the latest amendments, to meet the requirements of MoRT&H specifications for Road & Bridge Works to Section No. 2000 to clause number 2005 (Elastomeric Bearings) and to International Union of Railways Code UIC 772 R (Use of Rubber Bearings for Railway Bridges). KRPL is approved by Ministry of Shipping, Road Transport and Highways (Dept. of Road Transport & Highways), Government of India vide their letter number RW/NH-34057/1/95-S&R (B) dated 23.06.2005. We are also approved by Research Design & Standards Organization (RDSO), Ministry of Railways, Government of India vide their renewal letter number CBS/PBEJ/Reg/Kanta Rubber dated 10.09.2009.







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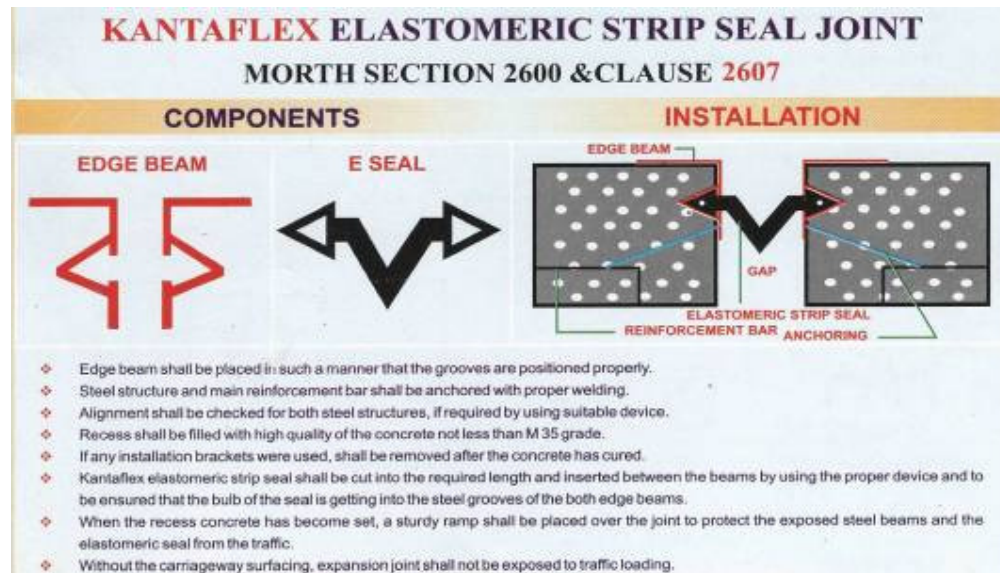
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## KANTAFLEX™ EXPANSION JOINT SYSTEM

General concept of expansion joint is to provide the continuity between two parts of a structure which are in relative movement because of vibration, seismic load, thermal expansion or contraction, shrinkage etc. Expansion joints are used primarily to relieve stress due to confinement of a slab. An expansion joint is an assembly designed to safely absorb the heat-induced expansion and contraction of various construction materials, to absorb vibration, or to allow movement due to ground settlement or earthquakes. Expansion joints are designed to support heavy and rigorous traffic load with minimum noise and bumps so that the driving experience can be with maximum pleasure. KRPL is a quality manufacturer of various expansion joint systems servicing a number of satisfied customers across India with its superior products at a cost effective pricing. Some of our main products in this category are explained below. We welcome the enquiry of any kind of expansion joint to offer a great solution from our product portfolio or from the product portfolio of some of our foreign principals.

1. **KANTAFLEX™ Elastomeric Strip Seal Joint:** As per MoRTH Section 2600, Clause 2607. Main components are Edge Beam and E Seal.



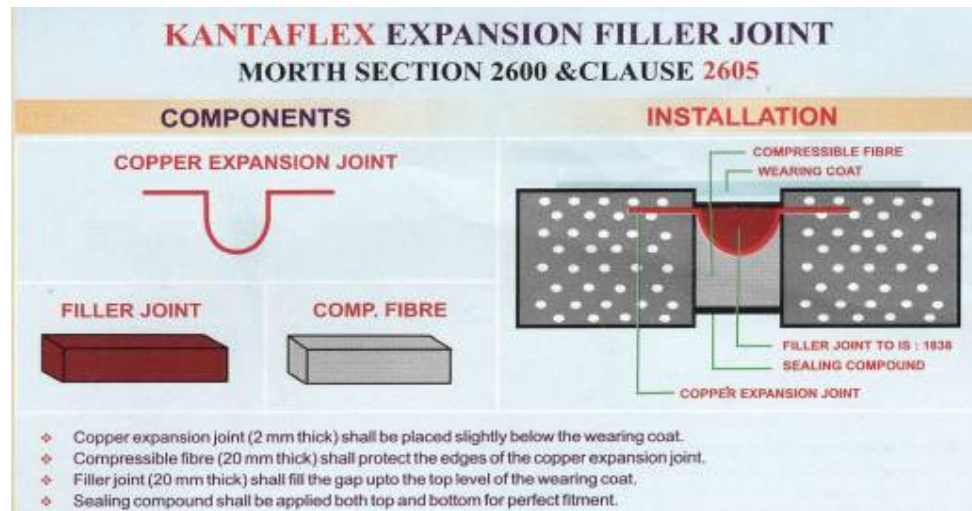


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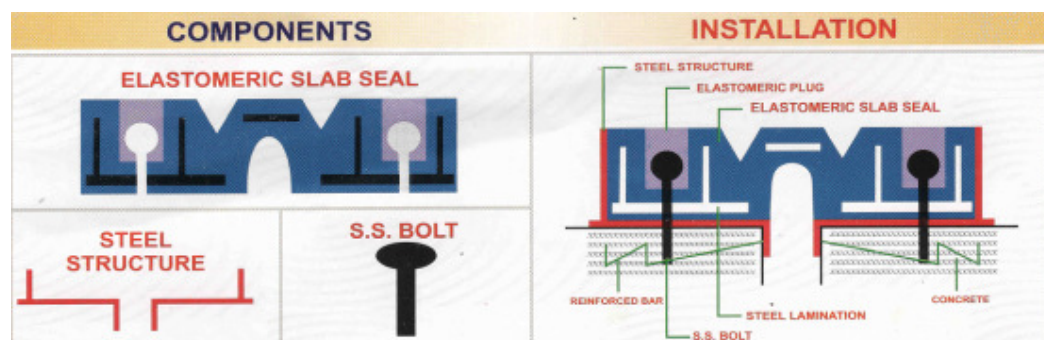
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2. **KANTAFLEX™ Expansion Filler Joint:** As per MoRTH Section 2600, Clause 2605. Main components are Copper Expansion Joints, Filler Joint, and Compression Fibre.



3. **KANTAFLEX™ Elastomeric Slab Seal Unit:** As per MoRTH Section 2600, Clause 2606. Main components are Elastomeric Slab Seal, Steel Structure and SS Bolt.





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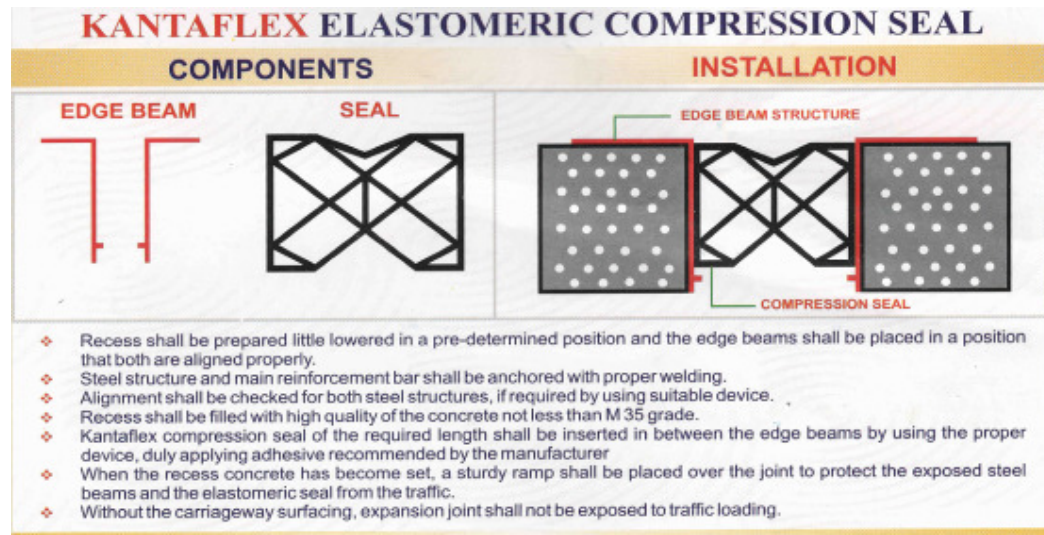
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4. **KANTAFLEX™ Compression Pavement Seal:** Main components are V / E Seals.



5. **KANTAFLEX™ Elastomeric Compression Seal:** Main components are Edge Beam and Seal.







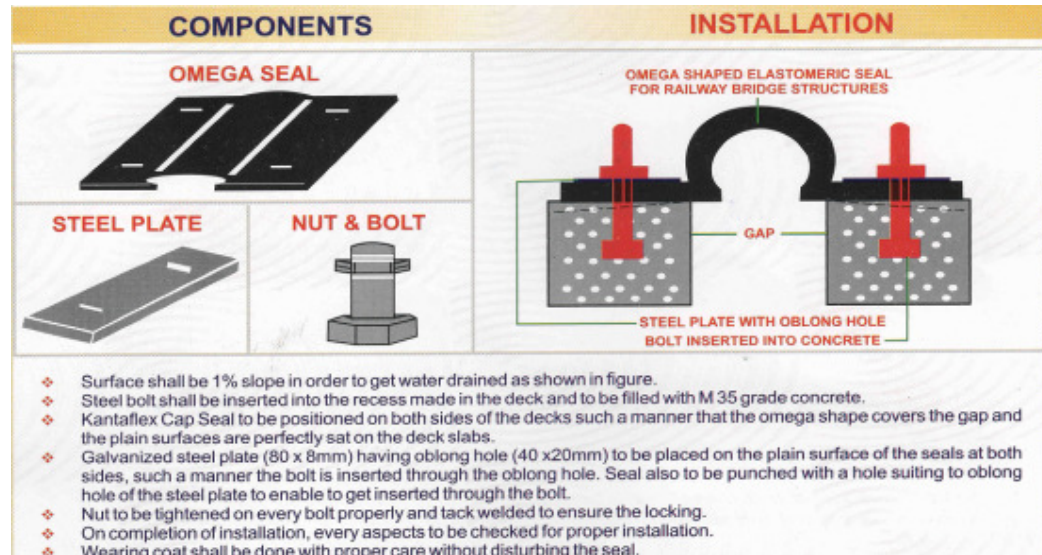
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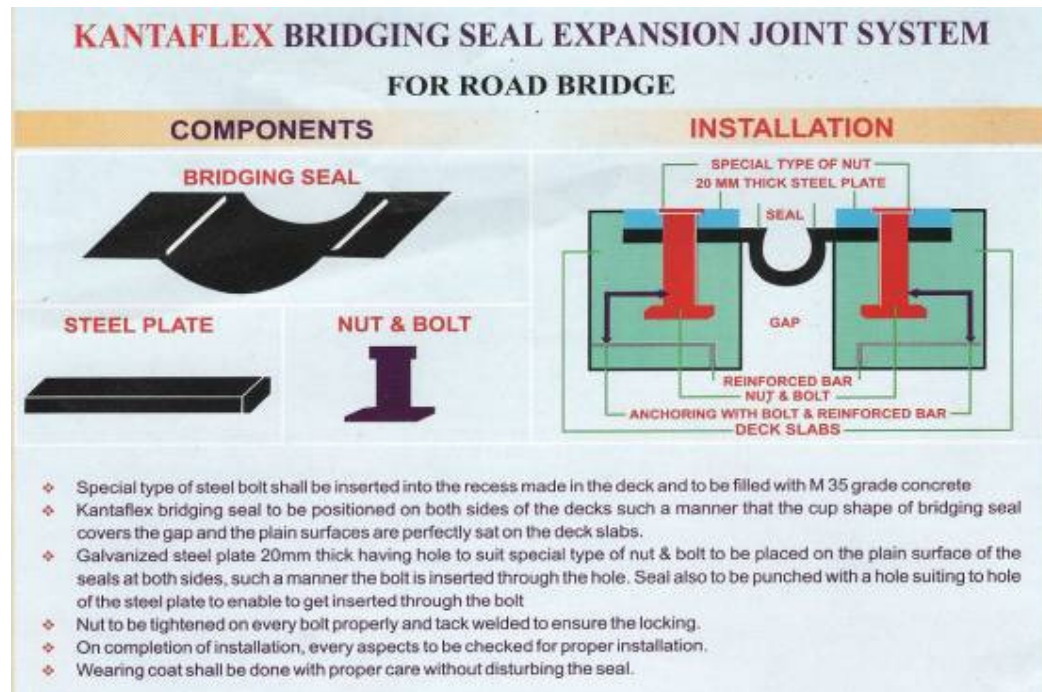
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6. **KANTAFLEX™ Cap Seal Expansion Joint System (Omega Seal) for Railway Bridges:** Main components are Omega Seals, Steel Plates and Nut & Bolts.



7. **KANTAFLEX™ Bridging Seal Expansion Joint:**





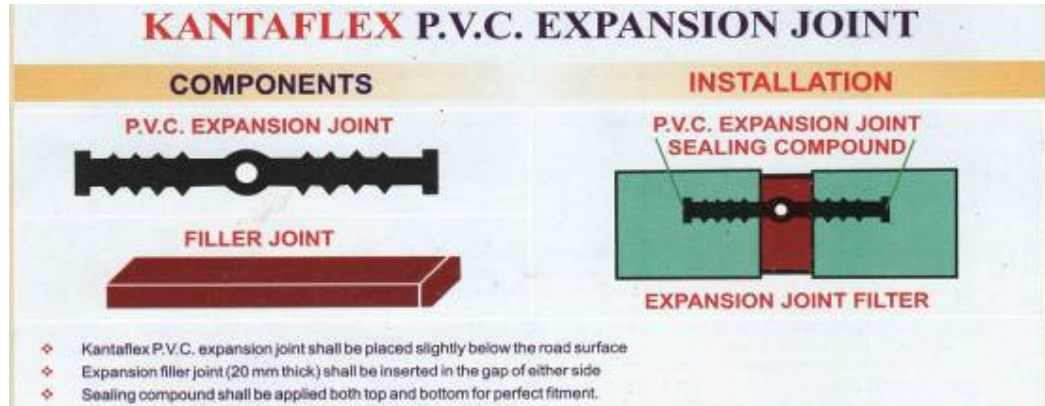
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8. **KANTAFLEX™ PVC Expansion Joint:** Main components are PVC Expansion Joints and Filler Joints.





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## KANTAFLEX™ INSULATING RUBBER MATS

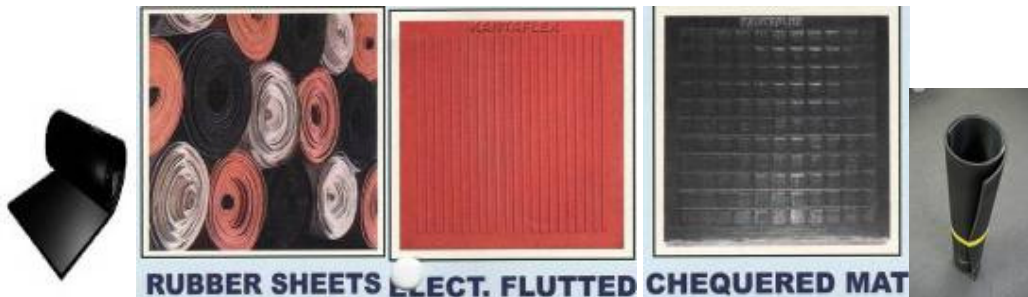
KANTAFLEX™ Insulating Rubber Mats are especially designed to be used in front of switchboards and high voltage equipment. These long life mats are designed to protect operators from electrical shocks thus acting as a personal protection equipment. We offer a range of insulating mats for almost any application.

We offer Insulating Rubber Mats for insulation up to 33,000 volts (33 KV) meeting the requirements of IS 15652:2006. We offer Class A (3.3 KV), Class B (11 KV), and Class C (33 KV) insulating rubber mats as per following specifications.

Sr No (1)	Class (2)	ac (rms) kV (3)	dc V (4)	Thickness mm	Insulation Resistance with water	Leakage Current	Di-electric Strength ac (rms) kV	ac Proof Voltage ac (rms) kV
i)	A	3.3	^	2.00 ± 10%	100000 MΩ with 5000V megger and 1000000MΩ with 500V megger	< 10μA	30	10
ii)	B	11	^	2.50 ± 10%	-do-	< 10μA	45	22
iii)	C	33	^	3.00 ± 10%	-do-	< 10μA	65	36
<b><u>We also offer electrical mats in any specific thickness as per the customer requirement.</u></b>								

These long lasting, easy to install, clean and maintain mats are resistant to oils, acids, alkalis and low temperature and are flame retardant as per the provisions of IS 15652:2006. The coloring agents used are free from any metallic derivatives as specified in IS 15652:2006. These mats are tested in our in-house most modern and updated Quality Assurance facilities ensuring complete safety and adherence to the specifications of each roll and are ready to use.

We also offer Anti Static / Conductive Mats on request.



**RUBBER SHEETS ELECT. FLUTTED CHEQUERED MAT**





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## KANTAFLEX™ PVC Water Stops & Profiles

KANTAFLEX™ PVC Water Stops are profiles based on specially formulated plasticized PVC composition. PVC Water Stopper is used in concrete masonry construction of hydraulic structures to safeguard from hydrostatic pressure and water seepage. Water Stopper also withstands expansion and contraction of joints as well takes care of any deflection and displacement arising due to change in temperature or settlement of foundation eliminating dangers of cracks since these is engineered as water tight seals in poured concrete structures. After being embedded in concrete, PVC water stops fill up the joints to form a continuous watertight diaphragm that prevents the passage of fluid. Most popular way of the placement of the water stop seal is tied to the steel frame works or small eyelet by means of small wires, certain metal clamps made to grip the water stop seal to keep it in proper position. The water stop must be designed and installed properly to accommodate joint expansions, contraction and lateral & transverse movements. In addition to these considerations, the water stop must be compatible with the concrete system and the liquids and chemicals to be contained or controlled. The basic kind of water stops, suggested normally for use in construction joints where movement is not expected, is the basic type of flat ribbed waterstop, However the ribbed type with center bulb is used in expansion joints where movement is likely to occur.

KANTAFLEX™ PVC Water Stops have good ageing properties leading to longer life, have high mechanical strength, chemical resistance, corrosion resistance, excellent weather resistance, lower water absorption, non hazardous and flame retardant, good shock bearing capacities against earth quakes, floods, heavy turbine vibrations, allows safe passage of seepage water, easy to weld and install. KANTAFLEX™ PVC Water Stops maintains its premier position of the preferred industry supplier by offering customized products meeting specific needs of our customer. We offer a wide variety of PVC waterstop in rolls, in width up to 300 mm and thickness of 4 to 12 mm. We also welcome any special or customized design from the end user.

KANTAFLEX™ PVC Water Stops are under the process of getting BIS approval meeting IS: 15058 : 2002.





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CODE	KANTA FLEX PVC WATER STOPS DESIGN	Nominal Width (MM)	Thickness (MM)	Recommended Hydrostatic Pressure in Metre of Water
KFW-501		150	8-11	38-40
KFW-502		150	4-5	30-33
KFW-503		225/230	8-11	50-55
KFW-504		225/230	4-5	32-35
KFW-505		305	10	58-65
KFW-506		180	8-11	38-40
KFW-507		230	5	25
KFW-508		230	5	25
KFW-509		240 Rs	5	25

Registered Office & Works: 143-144, Phase V, I.D.A. Jeedimetla, Hyderabad – 500 055.  
Phone: 23098318, 23091093 Fax: +91-40-23090505 E-mail: marketing@kantarubber.com

BRIDGE BEARINGS APPROVED BY: MOSRTH, R.D.S.O. & DGS & D



ISO:9001-2000



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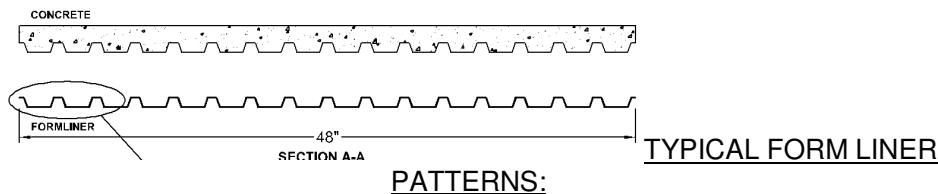
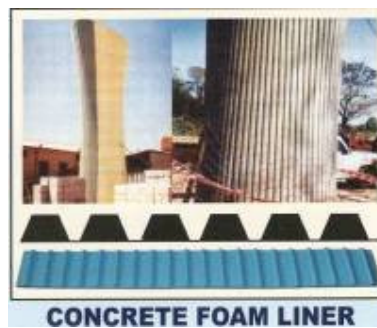
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## KANTAFLEX™ PVC Form Liners for Concrete

KANTAFLEX™ PVC Form liners for Concrete are extruded profiles are used to enhance the concrete appearance. We provide a very wide range of concrete form liners for the construction industry. We offer these liners in width upto 300 mm and in continuous lengths. The customers are welcome to choose from our standard design / patterns or may suggest their own designs. With our own mold design and manufacturing facility, we offer an unmatched design flexibility and can produce any linear design.

Our Form Liners are designed to provide minimum leakage, easy and fast installation, thus saving on the material and labor costs. These factors coupled with the fact that our liners can be multi-used, makes our product an unmatched offering in its category to the construction industry.

Care should be taken not to expose these liners to intense heat or cold as the extreme temperatures can deteriorate form liners. Application of good quality release agent, after checking the suitability of the same, is also suggested for longer life and multiple use of the form liners. Form Liners must be cleaned after every use. It is also suggested that these liners must be removed as soon as possible, preferably within twenty four hours of concrete placement as the heat of concrete hydration may damage the liners or may even cause sticking. Prolonged contact with foam liners may also cause the concrete to darken. Ribbed Formwork needs particularly careful handling while stripping to avoid breaking the fins. Care should also be taken to strip at 90° angle. The extra care taken during the removal of form liners will help in saving the costs involved in repair of the concrete surface and / or replacement of damaged liners.





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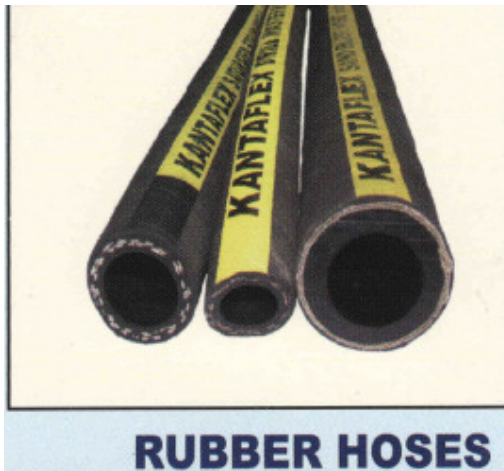
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## KANTAFLEX™ RUBBER HOSES

PAGE UNDER CONSTRUCTION



- ✓ Sand & Gravel Hose.
- ✓ Chemical, Steam and Hot Water Hose.
- ✓ Concrete Discharge End Hose.
- ✓ Kiln Burn Hose.
- ✓ Suction & Discharge Hose.
- ✓ Sea Water Hose.

All Hoses with choice of fitting.



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## **KANTAFLEX™ UHMW-PE SHEETS**

Our UHMW-PE sheets are available in 1000mm x 2000mm and 1000mm x 1000mm in thickness from 6 mm to 100 mm. We can also offer customized sizes and welcome your esteemed enquiry.

UHMW-PE is used for food grade application, as liners in silos etc., sliding guide & sections for conveyor elements etc. due to its various characteristics like:

1. Acid and Alkalis resistant.
2. Resistant to moisture resistant.
3. Excellent sliding properties.
4. Excellent resistant to wear & has high impact strength.
5. Low coefficient of friction.
6. Self Lubricating.
7. Corrosion resistant.
8. Non toxic.
9. Can be used upto or above 200<sup>0</sup> C to 250<sup>0</sup> C





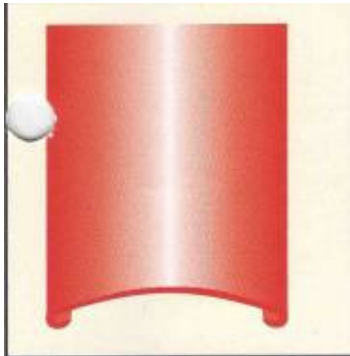
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**KANTAFLEX™ OTHER PRODUCTS**



**PVC HANDRAIL**



**ANTIVIBRATION PAD**

**PAGE UNDER CONSTRUCTION**





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# [ LIST OF ASSETS : PRODUCTION, QA & UTILITIES ]





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## Quality Assurance & Testing Resources:

Sl.NO	Machinery	Make	Capacity	No
1	Tensile Testing Machine	KMI	10000 N	1
2	Magnetic Stirrer	REMI		1
3	Melting Point Apparatus	Chaudhary		1
4	Hot Plate Scated Heater	NIKHIL		1
5	Physical Balance	Patel	0-100 gram	1
6	Ageing Oven	Sunbin	0-400°C	1
7	Muffle Furnace	Sunbin	0-1200°C	1
8	Electrical Balance	A&S Co Ltd	0-400 gram	1
9	Vernier Caliper	Mututoya	0-150mm	1
10	Thermo Hunter	Dimple	0-250°C	1
11	Electrical Continuity Tester	Kundan		1
12	Buret (Oil absorption)	Borosil		1
13	Gas Burner with Stand	Borosil		1
14	Hydrometer	Borosil		1
15	Hardness Tester (Pocket Type)	Stech	0-100 Shore A	1
16	Hardness Tester (Lever Type)	Stech	0-100 Shore A	1
17	Pressure Gauge	BKI	0-200 Kgs/cm <sup>2</sup>	1
18	Pressure Gauge	Micro	0-420 Kgs/cm <sup>2</sup>	1
19	Pressure Gauge	Warree	0-400 Kgs/cm <sup>2</sup>	1
20	Pressure Gauge	Micro	0-420 Kgs/cm <sup>2</sup>	1
21	Pressure Gauge	Micro	0-210 Kgs/cm <sup>2</sup>	1
22	Pressure Gauge	Micro	0-070 Kgs/cm <sup>2</sup>	1
23	Pressure Gauge	Micro	0-070 Kgs/cm <sup>2</sup>	1
24	Dial Gauge	Mututoya	0-50 mm	5
25	Dumbell Cutter	Stech		1
26	Compression set Apparatus	Self	4 nos	2
27	Compression set Apparatus	Stech	3 nos	1
28	Hand Pump for Hose Test	Shiv Engineering Work	100 Kgs/cm <sup>2</sup>	1
29	Chemical Analysis Setup	Borosil		1
30	Vaccum Pump	Linton	0-600mm HG	1
31	Hardness Tester (IRHD)	Stech	0-100 IRHD	1
32	Steel Scale	ARCH	0-1000 mm	2
33	Steel Scale	Mututoya	0-600mm	1
34	Steel Scale	Mututoya	0-300 mm	1
35	Signal Pan Balance	Stech	0.0001 gr	1
36	Specific Gravity Apparatus	Stech		1



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- Elastomeric Bridge Bearings
- Bridge Expansion Joints
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- Anti Vibration Pad
- Rubber Sheets & Hoses
- Electrical Rubber Mats

37	Acetone Extraction	Borosil		1
38	Centrifuge	REMI		1
39	Lab Scale Mixing Mills	MMEM	9" x 16"	1
40	Hand press	AEND	14"x14"	1
41	Thermometer		0-250oC	1
42	Dig Temperature Indicator	Uniteck	0-400oC	1
43	Viscosity Meter	REMI		1
44	Alco Meter	Stech	0-120 mm	1
45	Gas Cutter Machine	Delux		1
46	Low Temperature Chamber		'-50oC	1
47	HV Kits	SEECO	125KV	1
48	Weight	Self	100 N	1
49	Megger		500V	1
50	Oil Tank	Self		1
51	Acylic Sheet		1220x1220x5m m	1
52	Polyethyline Plate		200x200x5mm	2
53	Lower SS Plate	Self	1500x1500	1
54	Sponges		762x762x5mm	1
55	Upper SS Plate	Self	762x762	1
56	Tear Cutter	Egle	300 Kgs	1
57	Tear Cutter	Egle	300 Kgs	1



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## Production Resources:

58	Vertical Braiding Machiner Vertical Carrier	SEWF	32 Carrier	1
59	Vertical Braiding Machiner	SEWF	24 Carrier	1
60	Vertical Braiding Machine	SEWF	16 Carrier	1
61	Mixing Mill	MMEM	14" x 36"	1
62	Manual Balance	NSR Weightman	500 Kgs	1
63	Nylon tape Rewinding	Self	1200Mtr/hrs	1
64	Nylon tape Rewinding	Self	1200Mtr/hrs	1
65	Rail & Pull Out Machine	RPLSP	0.5mtr x 17 Mtr	1
66	Dispersion Kneader	AEND	55 Liter	1
67	Mixing Mill	Adarsh E ND	16" x 42"	1
68	Mixing Mill	Adarsh E ND	16" x 42"	1
69	Electrical Balance	Egle	250 Kgs	1
70	Manual Balance	NSR Scales (Weightman I	300 Kgs	1
71	Dispersion Kneader	AEND	55 Liter	1
72	Mixing Mill	Adarsh E ND	16" x 42"	1
73	Mixing Mill	Adarsh E ND	16" x 42"	1
74	Electrical Balance	Egle	250 Kgs	1
75	Manual Balance	NSR Scales (Weightman I	300 Kgs	1
76	Mixing Mill	MMEW	14" x 36"	1
77	Air Compressor	LG	25 Kgs/cm2	1
78	Dispersion Kneader	AEW ND	55 Liter	1
79	Calender Machine	AEWND	0.50 – 12.0mm	1
80	Long Vulcaniser	R P L S P	1 Meter Dia x 17 Meter Long	1
81	Hose Making & Wrapping	Self	4 Gear	1
82	Hose Making & Wrapping	Self	4 Gear	1
83	Electrical Balance	Egle	300 Kgs	1
84	Hydraulic Balance(44"x44")	MMEM	1000 Tons	1
85	Hydraulic Balance(32"x 34")	MMEM	400 Tons	1
86	Hydraulic Balance(44"x88")	MIC	600 Tons	1
87	Hydraulic Balance(44"x 82")	GEWND	400 Tons	1
88	Hydraulic Balance(33"x 33")	MMEM	600 Tons	1
89	Hydraulic Balance(33"x 34")	MMEM	400 Tons	1
90	Hydraulic Balance(9"x 9")	MMEM	50 Tons	1



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91	Measurement Machine	Selg	Upto 75 mm OD	1
92	Vulcniser	RPLSP	5 Mtr x 3.50Mtr	1
93	Extruder	SEWF	4" Dia	1
94	Extruder	RKEC	6" Dia	1
95	Wrapping & Unwrapping Machine	SEWF	100Mtr/Hrs	1
96	Solution Mixture	Self	30 Liter	1
97	Air Compressor	Khoshala	12 Kgs/cm2	1
98	Vertical Braiding Machine	SEWF	36 Cariar	1

## Utilities & Maintenance Resources:

99	Boiler Coal Fired/Wood Fired	SGEW	0-10.72 M2	1
100	Boiler Coal Fired/wood Fired	SGEW	350Kgs	1
101	Boiler Oil Fired	Thermomax Limited	600 Kgs	1
102	Transformer			
103	Diesel Generator	Kilosker	184 KV	1
104	Bench Grinder	Paras	8"	1
105	Drilling Machine	Deluxe PMD 25	1"	1
106	Drilling Machine	Deluxe PMD 25	1"	1
107	Drilling Machine	Deluxe PMD 25	1"	1
108	Lath Machine	Deluxe	6 Feet	1
109	Lath Machine	Deluxe	8 Feet	1
110	Lath Machine	IEW	8 Feet	1
111	Shaper Machine	IEW	450 mm	1
112	Shaper Grinder Machine	IEW	12"	1
113	Baby Lath	IEW		1
114	Milling Machine	OEW	650 mm	1
115	Welding Machine	MW		1
116	Welding Machine	MW		1
117	Hydraulic Hacksaw Machine	IEW	260 mm	1
118	Bench Voice	IEW	14"	1
119	Hydraulic Hand Pallet Truck	Dilip	3000 Kgs	1
120	Hydraulic Hand Pallet Truck	Puma PH 10	1000 Kgs	1