Karan®

IS - 4984:2016

CM/L-5100157585

HDPE PIPES

OUR VISION...

With a vision of creating a difference in the existing market & a passion to serve the industry, Karan Polymers Pvt Ltd has started its journey as a premium manufacturer of UPVC Pipes & Fittings since 1996.

We take utmost pleasure in introducing ourselves as one of the largest and most diversified reputable manufacturers of UPVC Pipes and Fittings for diverse application areas. Over the decades we have served the industry with our highly technologically upgraded products at a market friendly price. Our products are one of the most popular and accepted brand of Eastern India. We have a production capacity of 1000 MT per month. From inception we have been successfully serving customers with best quality products and gained utmost trust. The motto of our organization is to provide a total piping solution for various applications. Our factory of "Karan Polymers Pvt. Ltd" is located at Hanuman Complex, Ranihati-Amta Road, P.O: Islampur, Howrah.

We are an **ISO 9001:2015 CERTIFIED COMPANY AND OUR PRODUCTS ARE CURRENTLY SUPPLIED TO** West Bengal, Jharkhand, Bihar, Odisha, Assam, Tripura, Andhra Pradesh, a nd Uttar Pradesh and also supplied our material to export markets. We have necessary BIS licenses for most of our products and also been awarded ISO: 9001 Certification for quality management system.

We operate through our distributer/dealer throughout West Bengal with respect to below mentioned PVC items. We are getting regular patronage from Govt. Department l ike Agri-Irrigation, Agri-Mechanical, PHED, PWD, Civil Project, Water Projects etc. These products are used successfully into various housing water connection, flyover, roads, industries, Cable ducting etc. We have already started supply of HDPE Pipes for water and Cable ducting by HDD method and got approval for BIS mark.

IS HDPE PIPES HARMFUL ?

It is the most commonly used plastics world over. It does not create any harmful emissions during its production or during its use by the consumer. Also it does not leak any toxic chemicals into the soil or water.

IS HDPE PIPES RECYCLABLE ?

Yes,
it can be reused
10 times.
So it is very
environmental friendly.

HOW THE HDPE PIPES ARE JOINED?

Karan HDPE Pipes can be joined by fusion welding, socket welding, electro fusion or side wall fusion methods. But welding can be done by special machine but there is no skilled worker required for joining it, only slight experience is enough.

DOES PIPE QUALITY HAMPER THE JOINT STRENGTH?

Yes,
any kind of contamination or use of recycled plastic may affect the Joint quality of the butt Welded Joint.

WHAT IS SPECIAL ABOUT KARAN HDPE PIPES?

PRODUCTION

The pipes are made out of Virgin granules bought from reputed Indian polymer producers along with high quality Black masterbatch.

Latest and high production extruders are used to produce not only accurate thickness as per the BIS Standard but weight per meter is also maintained. German Collaboration water chillers and dry air is used to maintain perfect outside Diameter of the pipes as per standard. Size range from 20mm to 200mm manufactured as per IS 4984:2016 and ISO-4427 standards in PE-63, PE-80, PE-100 grades. Smaller diameter pipes up to 110mm are supplied in coils whereas bigger diameter may be supplied in 6 meter/ 12 meters length as finalized at the time of order.

QUALITY

The Highly experienced and qualified manpower are deployed to do inspection of pipes and fittings at all stages of production until dispatch. All sorts of tests are conducted in our fully equipped modern in house laboratory.

The combination of **3M (Man, Machine and Manpower)** makes Karan stand out.

APPLICATION

DRINKING WATER SUPPLY | EDIBLE OIL TRANSPORTATION | CABLE DUCTING
SEWAGE | IRRIGATION | RAILWAY SIGNALING

HDPE PIPE SPECIFICATION per IS 4984:2016 and ISO-4427 standards in PE-63, PE-80, PE-100										
SDR	SDR41	SDR33	SDR26	SDR21	SDR17	SDR13.6	SDR11	SDR9	SDR7.4	SDR6
NORMAL PRESSURE(PN BAR)										
PE 63	PN 2.0	PN 2.0	PN 3.2	PN 4.0	PN 5.0	PN 6.0	PN 8.0	-	-	-
PE 80	PN 2.5	PN 2.5	PN 4.0	PN 5.0	PN 6.0	PN 8.0	PN 10.0	PN 12.5	PN 16.0	PN 20.0
PE 100	PN 3.0	PN 3.0	PN 5.0	PN 6.0	PN 8.0	PN 10.0	PN 12.5	PN 16.0	PN 20.0	-

WALL THICKNESS																				
NORMAL OD DIA. (MM)	emin	emax	emin	emax	emin	emax	emin	emax	emin	emax	emin	emax	emin	emax	emin	emax	emin	emax	emin	emax
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	2.1	2.2	2.5	2.7	3.1
20	-	-	-	-	-	-	-	-	-	-	-	-	1.9	2.2	2.3	2.6	2.7	3.1	3.4	3.8
25	-	-	-	-	-	-	-	-	-	-	1.9	2.2	2.3	2.6	2.8	3.2	3.4	3.8	4.2	4.7
32	-	-	-	-	-	-	-	-	1.9	2.2	2.4	2.7	2.9	3.3	3.6	4.1	4.4	4.9	5.4	6.0
40	-	-	-	-	-	-	1.9	2.2	2.4	2.7	3.0	3.4	3.7	4.2	4.5	5.1	5.4	6.0	6.7	7.5
50	-	-	-	-	2.0	2.3	2.4	2.7	3.0	3.4	3.7	4.2	4.6	5.2	5.6	6.3	6.8	7.6	8.4	9.3
63	-	-	-	-	2.5	2.9	3.0	3.4	3.7	4.2	4.7	5.3	5.8	6.5	7.0	7.8	8.6	9.6	10.5	11.7
75	1.9	2.2	2.3	2.6	2.9	3.3	3.6	4.1	4.5	5.1	5.6	6.3	6.8	7.7	8.4	9.3	10.2	11.3	12.5	13.9
90	2.2	2.5	2.8	3.2	3.5	4.0	4.3	4.8	5.3	5.9	6.7	7.5	8.2	9.1	10.0	11.1	12.2	13.5	15.0	16.6
110	2.7	3.1	3.4	3.8	4.3	4.8	5.9	6.6	6.5	7.3	8.1	9.0	10.0	11.1	12.3	13.6	14.9	16.5	18.4	20.3
125	3.1	3.5	3.8	4.3	4.8	5.4	6.0	6.7	7.4	8.2	9.2	10.2	11.4	12.7	13.9	15.4	16.9	18.7	20.9	23.1
140	3.5	4.0	4.3	4.8	5.4	6.0	6.7	7.5	8.3	9.2	10.3	11.4	12.8	14.2	15.6	17.3	19.0	21.0	23.8	25.8
160	3.9	4.4	4.9	5.5	6.2	6.9	7.7	8.6	9.5	10.6	11.8	13.1	14.6	16.2	17.8	18.7	21.7	24.0	26.7	29.5
180	4.4	4.9	5.5	6.2	7.0	7.3	8.6	9.6	10.6	11.8	13.3	14.7	16.4	18.1	20.1	22.1	22.4	26.9	30.0	33.1
200	4.9	5.5	6.1	6.8	7.7	8.6	9.6	10.7	11.8	13.1	14.7	16.3	20.5	22.7	22.3	24.6	25.6	29.9	33.7	36.8

KARAN RANGE OF PRODUCTS

"We understand that pipes are meant to use for lifetime of 50 years so we take utmost care and responsibility while delivering it to you.

Karan HDPE comes with accurate thickness. OD thus helps you to reduce cost during installation and use."

KARAN POLYMERS PVT LTD

AN ISO 9001 : 2015 CERTIFIED COMPANY

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