VECTUS®

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India ki Waterline!

HDPE PIPING SYSTEM

Extremely useful for Agricultural & Industrial purposes

HSN CODE : 3917

VECTUS® HDPE PIPE

Vectus, a name synonymous with innovation, quality and trust, is a leading manufacturer of various types of pipes & fittings. We have a well-diversified portfolio having various types of PVC piping systems.

After extensive research & development and analysing the needs of the customer, Vectus has yet again come up with an innovative product – HDPE (High Density Poly-Ethylene) pipes.

HDPE pipes are an answer to a number of piping problems in households, industries, as well as for agricultural purposes. Tested and proven effective for underground, above ground, on surface, under water as well as floating pipe applications, these pipes are easy to fit and assure long term system performance and low maintenance cost.

Vectus HDPE pipes are manufactured as per IS 4984:2016 and available in raw material grades PE-63, PE-80 & PE-100 in various pressure rating class. The working temperature of these pipes may be used upto -40°C to +45°C.

Why Vectus HDPE Pipes?

- Vectus HDPE pipes are manufactured from virgin raw material in grade PE-63, PE-80 & PE – 100.
- HDPE pipes do not rust or corrode. HDPE is one of the most chemically inert of all plastics and therefore is extremely chemical and corrosion resistant.
- Vectus HDPE pipes can be used for potable water supply which does not impart any odour or toxicity to the liquid which is being transported.
- Vectus HDPE pipes holding and installation cost is considerably less due to light weight feature.
- Vectus HDPE pipes possess some advanced properties like resistant to UV & corrosion, non –toxic, low thermal conductivity.
- Vectus HDPE pipes are available in range of pressure ratings.

Key Features

- Manufactured from 100 % virgin raw material.
- Outstanding flexibility and crush resistance.
- Chemically inert and resistance
- Anti-bacterial properties reduces bacterial growth
- Smooth inner and external surface for excellent flow characteristics
- Fusion welded joining provides leak free monolithic pipe systems.
- Excellent slow crack growth resistance properties .
- Low thermal and electrical conductivity.
- Highly flexible for faster and easier installations.

FEATURES

UV Resistant

High Strength

Durable

Anti Bacterial

Economical

APPLICATIONS

Telephone Cable Protection

Irrigation

Sewage & Drainage

Potable Water Supply

Industrial Effluents

Gas & Oil Transmission

VECTUS® HDPE PIPE

Quality Assurance of Vectus HDPE pipes

Vectus conducts several stringent quality checks on each step of manufacturing to ensure only best product is delivered to the customers.

- Dimensional check
- Longitudinal reversion
- Melt flow rate
- Overall migration
- Tensile strength
- Slow crack growth rate
- Internal pressure creep rupture test
- Carbon black content and dispersion
- Oxidation induction time
- Density
- Elongation at break

Coil Lengths Available

Type	Length (mtr)	Size (mm)																			
		20	25	32	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400
PE 63	6	–	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	100	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–
	200	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–
	300	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	500	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PE 80	6	–	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	100	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–
	200	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–
	300	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	500	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PE 100	6	–	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	100	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–
	200	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–
	300	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–
	500	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Pressure Ratings

Type	SDR	Length (mtr)	Size (mm)																			
			20	25	32	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400
PE 63	41	2	–	–	–	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	33	2.5	–	–	–	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	26	3.2	–	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	21	4	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	13.6	6	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PE 80	41	2.5	–	–	–	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	33	3.2	–	–	–	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	26	4	–	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	17	6	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	13.6	8	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PE 100	41	3	–	–	–	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	33	4	–	–	–	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	21	6	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	17	8	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	13.6	10	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

OUR SALES & SUPPORT NETWORK

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