Easyflex™

PE Pipe Support

PE Pipe Support Applications

The high density advanced PE pipe insulation support is researched and developed by the economy and has many typical properties comparing with wooden-made pipe insulation support, low thermal conductivity, anti-corrosive, non-flammable and resistant to water condensation and chemicals, etc. Based on its outstanding features, PE pipe support can be widely used as pipe insulation support in both air conditioning system and fields of oil refining, food making, chemical and pharmaceutical industry.

PE Pipe Support Technical Data

Test Method	Standards	Results
Tensile strength	≥ 260 N/mm^2	287 N/mm^2
Breaking Strength (GB/T 8624: 2019)	≥ 170-180 N/mm^2	193 N/mm^2
Heat Conductivity	≤ 0.03 w/m.K	0.02 w/m.K
Water Absorption	≤ 1 g/100 cm^2	1 g/100 cm^2
Working Temperature	-20C~135 C	Suitable

Property Description

It contains no CFC and has advantages to replace wooden pipe support and needs no preservation before use so that it is up to requests of green and environmental protection standards by local or state.

Compressive strength test shows PE pipe support is strong enough to hang and support pipes with all weight of pipe itself, water inside and insulation outside.

Its low conductivity ensures high effect of thermal insulation.

It has excellent fire proof property comparing with wooden pipe support.

It is unnecessary to preserve it before use therefore the installation cost is low.

Its safety working temperature goes from -20°C~ +135°C.

Due to closed cell structure, it has good water proof property.

Advantages

It has achieved Grade B2 (GB8624-1977) fire resistance, thermal insulation, vibration absorbent, sound isolating,

moisture resistant properties which effectively provide the engineer a perfect solution to eliminate the condensation and "cold bridge" issues in HVAC system. We provide the Engineer a new way to protect their installations in quality by specifying standardized products.

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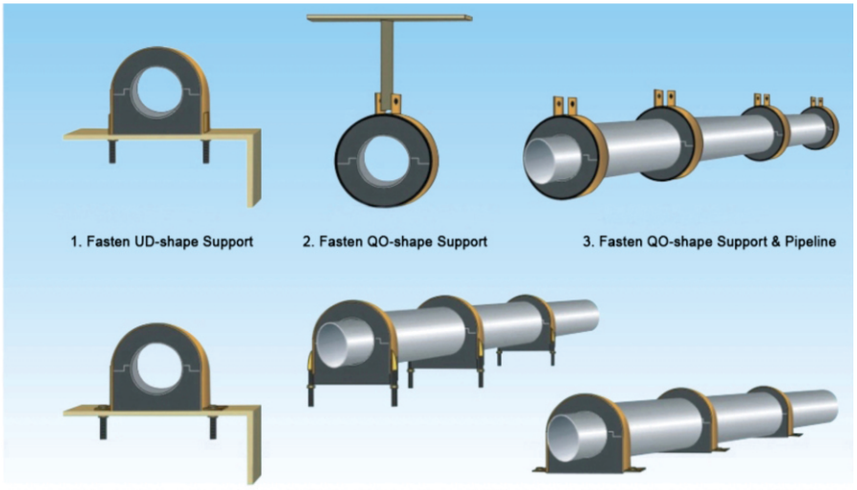

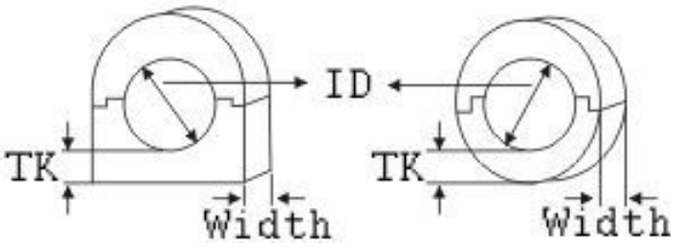

Nominal Diameter	Specifications (mm)		
	Support ID	Width	Thickness
DN 15	ø0.87	0.79	0.79
DN 20	ø1.10	0.98	0.98
DN 25	ø1.34	0.98	0.98
DN 32	ø1.69	0.98	0.98
DN 40	ø1.89	0.98	0.98
DN 50	ø2.36	0.98	0.98
DN 65	ø2.99	0.98	0.98
DN 80	ø3.50	1.18	1.18
DN 100	ø4.49	1.18	1.18
DN 125	ø5.51	1.57	1.57
DN 150	ø6.50	1.57	1.57
DN 200	ø8.62	1.97	1.97
DN 250	ø10.75	1.97	1.97
DN 300	ø12.80	1.97	1.97
DN 350	ø14.84	1.97	1.97
DN 400	ø16.77	1.97	1.97
DN 450	ø18.31	1.97	1.97
DN 500	ø20.87	1.97	1.97
DN 600	ø24.80	1.97	1.97