

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/mm²	193 N/mm²
	Heat Conductivity	≤ 0.03 w/m.K	0.02 w/m.K
	Water Absorption	$\leq 1 \text{ g}/100 \text{ cm}^2$	$1 \text{ g}/100 \text{ cm}^2$
	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 $\sim +135^{\circ}$ C.

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

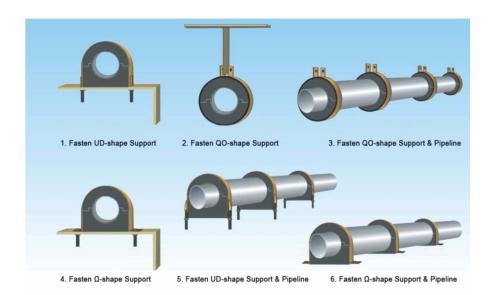
Advantages

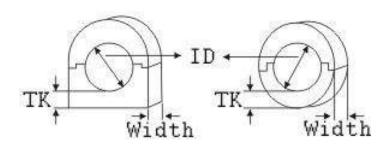
It has achieved Grade B2 (GB8624-1977) fire resistance, thermal insulation, vibration absorbent, sound isolating,

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.









Nominal	Specifications (mm)			
Diameter	Support ID	Width	Thickness	
DN 15	ø 0.87	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	ø 1.89	0.98	0.98	
DN 50	ø2.36	0.98	0.98	
DN 65	ø2.99	0.98	0.98	
DN 80	ø 3.50	1.18	1.18	
DN 100	ø 4.49	1.18	1.18	
DN 125	ø5.51	1.57	1.57	
DN 150	ø 6.50	1.57	1.57	
DN 200	ø 8.62	1.97	1.97	
DN 250	ø 10.75	1.97	1.97	
DN 300	ø 12.80	1.97	1.97	
DN 350	ø 14.84	1.97	1.97	
DN 400	ø 16.77	1.97	1.97	
DN 450	ø 18.31	1.97	1.97	
DN 500	ø20.87	1.97	1.97	
DN 600	ø24.80	1.97	1.97	