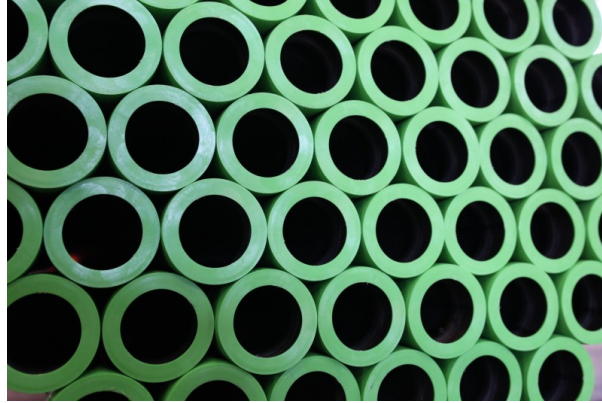


General Info



ID	#6
Product Name	FIRELIST+® Fire Sprinkler Pipes
Slogan	With the quality and dedication to meet the needs of our business partners in the best way
Description	Premium epoxy-coated Firesist+ pipes are certified as corrosion resistance category C4-M and proven to exhibit outstanding mechanical performance by European independent third-party testing laboratories. They are suitable for difficult environmental conditions and ideal for continuous operation up to 98 °C. Firesist+ pipes are specially developed with ease of on-site use in mind. They allow regrooving with no flaking or peeling on pipe ends. The coating color and texture are not visually affected by heat during cutting and drilling.
Category	Water

Product Info

Sizes

Outside Diameter**21,3 mm - 323,9 mm****1/2" - 12,751"****Wall Thickness****2,0 mm - 12,70 mm****0,079" - 0,500"**

Technical Specifications

- Superior epoxy coating up to 250 microns
- Corrosivity category C4-M certified
- DEKRA certified
- Available in Gray (RAL 7012)
- Roll grooved, Threaded & Coupled or Beveled pipe end
- Eliminates field painting
- Widest range of UL and FM approval, CE certified
- Produced according to ASTM and EN standards
- Pressure ratings exceeding 300 psi
- Size range between 1/2" -12"
- Reliable in all sizes
- Inner weld seam removal and custom length upon request
- Tight tolerances, consistent roundness and straightness

EN UL & FM

	OD (mm)	Nominal OD (Inch)	Wall Thickness (mm)	Wall Thickness (Inch)	FM	UL
EN 10255 Medium	21,3	1/2"	2,6	0.102		
	26,9	3/4"	2,6	0.102		
	33,7	1"	3,2	0.126	✓	
	42,4	1 1/4"	3,2	0.126	✓	✓
	48,3	1 1/2"	3,2	0.126	✓	✓
	60,3	2"	3,6	0.142	✓	✓
	76,1	2 1/2"	3,6	0.142	✓	✓
	88,9	3"	4	0.157	✓	✓
	114,3	4"	4,5	0.177	✓	✓
	139,7	5"	5	0.197	✓	✓
	165,1	6"	5	0.197	✓	✓

	OD (mm)	Nominal OD (Inch)	Wall Thickness (mm)	Wall Thickness (Inch)	FM
EN 10255 Heavy	21,3	1/2"	3,2	0.126	✓
	26,9	3/4"	3,2	0.126	✓
	33,7	1"	4	0.157	✓
	42,4	1 1/4"	4	0.157	✓
	48,3	1 1/2"	4	0.157	✓
	60,3	2"	4,5	0.177	✓
	76,1	2 1/2"	4,5	0.177	✓
	88,9	3"	5	0.197	✓
	114,3	4"	5,4	0.213	✓
	139,7	5"	5,4	0.213	✓
	165,1	6"	5,4	0.213	✓

CORROSION RESISTANCE

CORROSION RESISTANCE		
Corrosivity Category	C4 - M (urban, industrial, coastal, seashore)	ISO 12944-6:2018
Water Condensation (240 h)	No visual change (incl. blistering, rusting, cracking, flaking) 21,4 MPa adhesion	ISO 6270-1
Neutral Salt Spray (480 h)	No visual change 0,0 mm corrosion from scribe 21,9 MPa adhesion	ISO 9227

MECHANICAL PERFORMANCE

MECHANICAL PERFORMANCE		
Cathodic Disbondment	R < 4 mm (168 hours, 24 °C)	ASTM G8-96
Cross-cut	Gt 0	ISO 2409:2007
Adhesion	22.9 MPa	ISO 4624-B
Impact Resistance	≥ 2.0 N.m	ASTM D2794
Mandrel Bend Test	≥ 2 mm	ISO 1519:2011
Cupping Test (Erichsen Drawing)	≥ 11 mm	ISO 1520:2006
Buchholz Hardness	> 250 (0.0 mm)	ISO 2815:2003
Gloss	90 – 94 (60°) 40 – 48 (20°)	DIN EN ISO 2813:2014