

SPRINKLER STEEL PIPE



VILLACERO

TODO EN ACERO

SPRINKLER STEEL PIPE

Steel pipe with longitudinal welding, for water conduction in fire systems with sprinklers. Designed to withstand very high hydrodynamic pressures, it is formed by the cold manufacturing process, subjected to various tests: UT, Eddy Currents and Hydrostatic Test, which ensure its quality to be used by the VICTAULIC system. Certified by Underwriters Laboratories (UL) and Factory Mutual (FM).

CHARACTERISTICS

- Diameters range from 25 to 150 mm (1 "to 6").
- Varnishing facilitates the painting process and provides additional protection against corrosion. and galvanizing provides greater protection in diameters from 1 "to 4".
- Combination of strength and ideal malleability, easy to cut into sections and easy to install.
- Smooth and grooved end presentations.
- High tightness and zero leakage in body and joints with the correct installation.
- Meets and exceeds ASTM A-795 standards.

USES AND APPLICATIONS

- Parking lots.
- Wineries.
- Department stores.
- Airports and buildings.
- Among others.

TECHNICAL INFORMATION

Dimensions and characteristics length 6.40 mts (21 ft) schedule 10

DESIGNATION		NOMINAL EXTERNAL DIAMETER		THICKNESS		HYDROSTATIC PRESSURE		WEIGHT						PACKING
DN	in	mm	in	mm	in	kg /cm ²	lb/in ²	kg/m	lb/ft	kg x 6.40 m	kg x bundle	lb x 21 ft	lb. x bundle	Pipes x bundle
25	1	33.40	1.315	2.8	0.109	50	700	2.09	1.41	13.38	803	29.51	1,771	60
32	1 1/4	42.16	1.660	2.8	0.109	70	1000	2.69	1.81	17.21	723	37.95	1,594	42
40	1 1/2	48.26	1.900	2.8	0.109	70	1000	3.11	2.09	19.88	716	43.82	1,578	36
50	2	60.33	2.375	2.8	0.109	70	1000	3.93	2.64	25.15	654	55.45	1,542	26
65	2 1/2	73.03	2.875	3.0	0.120	70	1000	5.26	3.53	33.66	606	74.22	1,336	18
80	3	88.90	3.500	3.0	0.120	70	1000	6.45	4.34	41.30	785	91.05	1,730	19
100	4	114.30	4.500	3.0	0.120	85	1200	8.36	5.62	53.52	1,017	117.99	2,242	19
150	6	168.28	6.625	3.4	0.134	70	1000	13.84	9.30	88.56	886	195.26	1,953	10

Note: Tolerances in external diameter and thickness based on the ASTM A795 standard, finish: smooth, grooved, varnished

Dimensions and characteristics length 6.40 mts (21 ft), schedule 40

DESIGNATION		NOMINAL EXTERNAL DIAMETER		THICKNESS		HYDROSTATIC PRESSURE		WEIGHT					PACKING
DN	in	mm	in	mm	in	kg / cm ²	lb/in ²	VARNISH			GALVANIZED	Pipes x bundle	
								kg/m	lb/ft	kg x 6.40 m	lb x 21 ft		kg x 6.40m
25	1	33.40	1.315	3.4	0.133	50	700	2.50	1.68	16.01	35.28	16.01	60
32	1 1/4	42.16	1.660	3.6	0.140	70	1000	3.39	2.27	21.67	47.67	21.67	42
40	1 1/2	48.26	1.900	3.7	0.145	70	1000	4.05	2.72	25.91	57.12	25.91	36
50	2	60.33	2.375	3.9	0.154	70	1000	5.45	3.66	34.88	76.86	34.88	26
65	2 1/2	73.03	2.875	5.2	0.203	70	1000	8.64	5.80	55.30	121.80	55.30	18
80	3	88.90	3.500	5.5	0.216	70	1000	11.29	7.58	72.23	159.18	72.23	19
100	4	114.30	4.500	6.0	0.237	85	1200	16.07	10.80	102.87	226.80	102.98	19

Note: Tolerances in external diameter and thickness based on the ASTM A795 standard, Finish: smooth, Varnished and Galvanized.

Dimensions and characteristics length 6.40 mts (21 ft) schedule 10

DESIGNATION		NOMINAL EXTERNAL DIAMETER		THICKNESS		HYDROSTATIC PRESSURE		WEIGHT						EMPAQUE
DN	in	mm	in	mm	in	kg/cm ²	lb/in ²	kg/m	lb/ft	kg x 6.40 m	kg x bundle	lb x 21 ft	lb x bundle	pipes x bundle
150	6	168.3	6.625	3.4	0.134	70	1000	13.85	9.30	88.64	886	195.26	1953	10
200	8	219.1	8.625	4.8	0.188	56	800	25.26	16.96	161.66	1132	356.08	2493	7

TEX-TUBE Note: Tolerances in outer diameter and thickness based on the ASTM A795 standard, Finish: Varnished, Slotted.

Pipe standards

ESPECIFICACIÓN	DESCRIPCIÓN
ASTM-A-795	Carbon steel pipes with and without weld for fire protection
FM-1630	Steel pipe for automatic fire sprinkler systems
UL-852	Metal spray pipe for fire protection service

Chemical composition

	Grade A Max (%)	Grade B Max (%)
% C	0.25	0.30
% MN	0.95	1.20
% P	0.035	0.035
% S	0.035	0.035



PROCESSES CERTIFIED
UNDER ISO 9001: 2015 STANDARD
ISO 2754 - PLANT TUNA



PROCESSES CERTIFIED
UNDER API Q1 ED. 9
Q1-2621- PLANT TUNA



CERTIFICATE
214716-EX26410



APPROVAL IDENTIFICATION:
3053080



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