

FireLite® Grooved, HYDROOVEN Coated Sprinkler Pipes



Field of Application

Above Ground Sprinkler system installations (EN 12845)

Features

FireLite® Pipes connect directly with grooved couplings for a quick and easy installation. The pipes are prepared with a groove at both ends the pipe. Available standard length is 6 meters.

Production standard

EN 10217-1

Dimension standard

EN 10220/2002 (DIN 2458) ISO 4200 range D

Approvals

Quality Assurance System in accordance with the Pressure Equipment Directive 2014/68/EU, Annex I, Section 4.3 as well as AD 2000-Merkblatt W 0 ,TUV 89/106 EEC

Technical data

Working Pressure: 16 bar

Working Temperature: 0-100°C

Coating

Sandblasted SA 2,5; Coated with patented Industrial HYDROOVEN technology (Waterborne thermosetting melamine-polyester finishing with good general performances as toughness, elasticity, chemical resistances.) Powder coating GRAY (RAL 7012) . Other RAL colors available on request.

Welding technology

High-frequency induction welding.

Manufacturer reference

FireLite® pipes are manufactured by Tecno Tubi SpA within a Group of ZINCHITALIA SpA, Via G. Mazzini, 240/242 – 25020 Alfianello (BS)



General notes:

- Pressure ratings listed are CWP (cold working pressure) or maximum working pressure within the service temperature range of the gasket used in the coupling. This rating may occasionally differ from maximum working pressure listed and/or approved by UL and/or FM, as testing conditions and test pipes differ.
- Maximum working pressure and end loads listed are total of internal and external pressures and loads, based on Sch.40 steel pipe with grooved fittings in accordance with ANSI / AWWA C606-97 specifications.
- For one time field test only, the maximum working pressure may be increased one and a half times the figure shown.
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and/or removal of any components.
- Arcofire reserves the right to change this document without notice and without incurring in any obligations.

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Material specifications

Raw material: ACC EN10025

Steel type: P235 TR1 220 N/mm² in 20°C

Material certificate: 3.1 or 2.1 ACC EN 10204

Pipe marking

- All pipes have printed Brand, standards and Heat nr, for easy pipe identification.

Test report

- Inspection ACC 89/106/EEC, CDD
- Hydraulic testing for pipe < 51 mm 1,5 x working pressure
- Ultrasound test
- 100% testing for all produced pipes
- Visual inspection in the production line

Dimensions

Product codes:	DN mm	Dimension Dyxt mm	Weight / m kg	Weight / pipe 6 meter
FLG-H-025-G1	25	33,7 x 2,3/2,6	1,78/1,99	10,69/11,96
FLG-H-032-G1	32	42,4 x 2,3	2,27	13,65
FLG-H-040-G1	40	48,3 x 2,3	2,61	15,66
FLG-H-050-G1	50	60,3 x 2,3	3,29	19,74
FLG-H-065-G1	65	76,1 x 2,6	4,17	28,28
FLG-H-080-G1	80	88,9 x 2,9	6,15	36,90
FLG-H-100-G1	100	114,3 x 3,2	8,77	52,61
FLG-H-125-G1	125	139,7 x 3,6	12,08	72,50
FLG-H-150-G1	150	168,3 x 4,0	16,21	97,25
FLG-H-200-G1	200	219,1 x 4,5	23,83	143,00
FLG-H-250-G1	250	273,0 x 5,0	34,06	204,38
FLG-H-300-G1	300	323,9 x 5,6	45,31	271,68

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