PED 2014/68/EU
TUV 89/106 EEC

*Producer of Pipes are CE Certified

Grooved Sprinkler Pipes

FireLite®, Hot-Dip Galvanized Sprinkler Pipes

Field of Application

Above Ground Sprinkler system installations according EN 12845

Features

FireLite® Pipes connecting directly with grooved couplings for a quick and easy installation. The pipes are prepared with a groove at both ends of 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

Hot dip galvanized coatings applied in automatic plants according to EN10240.

Welding technology

High-frequency induction welding.

Manufacturer reference

Firelite® pipes are manufactured by ZINCHITALIA SpA, Via G. Mazzini, 240/242 – 25020 Alfianello (BS)

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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

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-G-025-01*	25	33,7 x 2,3/2,6	1,83/2,05	11,01/13,32
FLG-G-032-01*	32	42,4 x 2,3	2,34	14,06
FLG-G-040-01*	40	48,3 x 2,3	2,69	16,12
FLG-G-050-01*	50	60,3 x 2,3	3,39	20,33
FLG-G-065-01*	65	76,1 x 2,6	4,85	29,13
FLG-G-080-01*	80	88,9 x 2,9	6,34	38,01
FLG-G-100-01*	100	114,3 x 3,2	9,03	54,18
FLG-G-125-01*	125	139,7 x 3,6	12,45	74,67
FLG-G-150-01*	150	168,3 x 4,0	16,71	100,24
FLG-G-200-01*	200	219,1 x 4,5	24,55	147,29
FLG-G-250-01*	250	273,0 x 5,0	34,06	204,38
FLG-G-300-01*	300	323,9 x 5,6	45,31	271,86

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.

FireLite™ is a trademark of Arcofire Ltd Special Fire protection Product line.
Specifications subject to change without notice.