



Technical datasheet V01.2

PED 2014/68/EU
TUV 89/106 EEC



*Producer of Pipes are CE Certified

Grooved Sprinkler Pipes

FireLite® Epoxy coated TECHNOCOAT 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 Temperature: 0-100°C

Coating

Sandblasted SA 2,5; Flex-epoxy (TECHNOCOAT) Powder coating GREY (RAL7012) . Other RAL colors available on request.

Welding technology

High-frequency induction welding.

Manufacturer reference

Firelite® pipes are manufactured under special Arcofire SIA order within a **AMENDUNI TUBI ACCIAIO Group**. Black pipes produced by **ZINCHITALIA SpA**. Grooved and coated by **Tecno Tubi SpA**. Facility located in Via G. Mazzini, 240/242 – 25020 Alfianello, Italy



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Specifications subject to change without notice.



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FireLite® Epoxy coated TECHNOCOAT Sprinkler Pipes

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
- Visual inspection in the production line

Dimensions:

Product codes:	DN mm	Dimension Dyxt mm	Weight / m kg	Weight / pipe 6 meter
FLG-E-025-G1*	25	33,7 x 2,3	1,78	10,69
FLG-E-032-G1*	32	42,4 x 2,3	2,27	13,65
FLG-E-040-G1*	40	48,3 x 2,3	2,61	15,66
FLG-E-050-G1*	50	60,3 x 2,3	3,29	19,74
FLG-E-065-G1*	65	76,1 x 2,6	4,71	28,28
FLG-E-080-G1*	80	88,9 x 2,9	6,15	36,90
FLG-E-100-G1*	100	114,3 x 3,2	8,77	52,61
FLG-E-125-G1*	125	139,7 x 3,6	12,08	72,50
FLG-E-150-G1*	150	168,3 x 4,0	16,21	97,25
FLG-E-200-G1*	200	219,1 x 4,5	23,83	143,00
FLG-E-250-G1*	250	273,0 x 5,0	34,06	204,38
FLG-E-300-G1*	300	323,9 x 5,6	44,00	264,00

General Notes:

- 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.