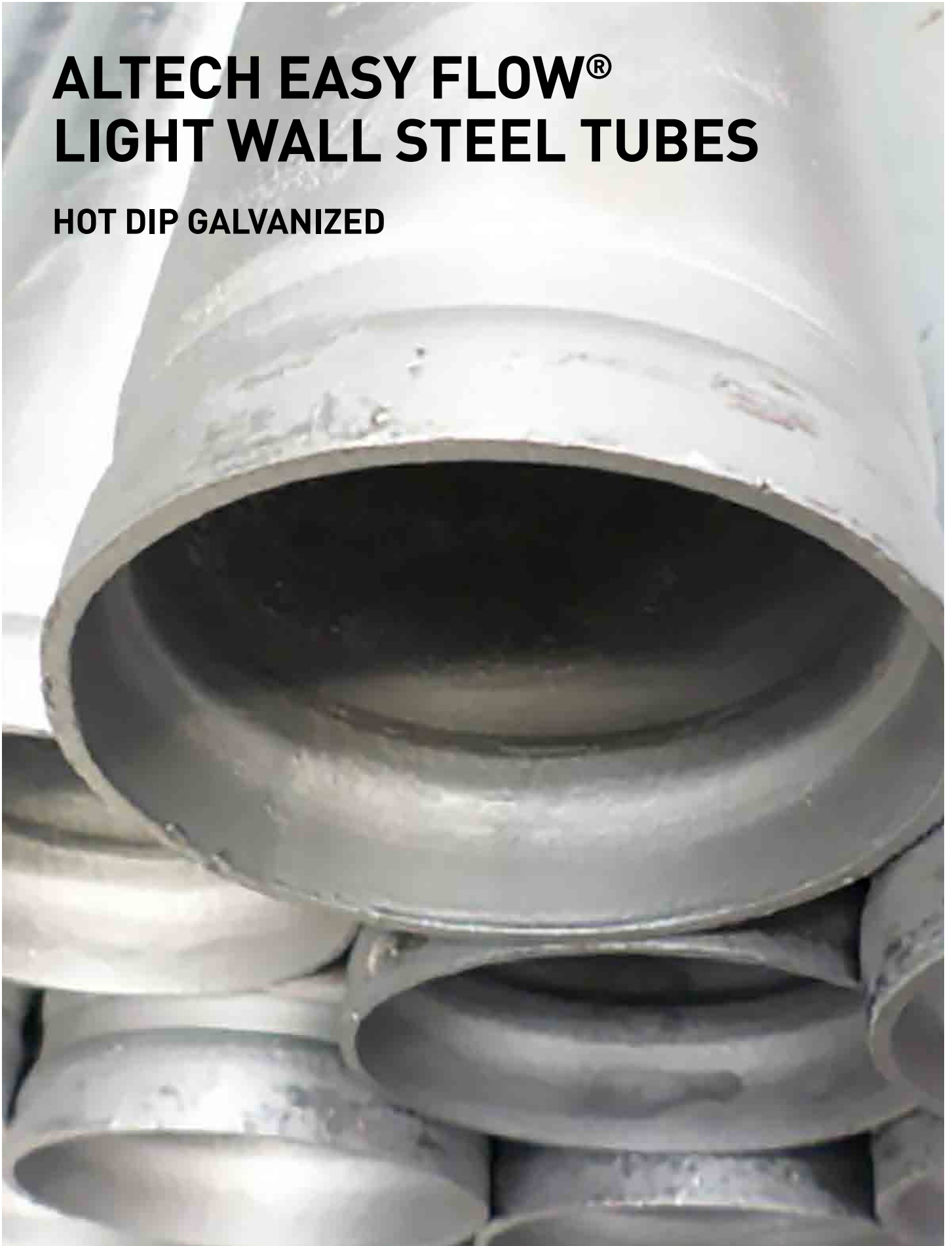


Ältech

**ALTECH EASY FLOW®
LIGHT WALL STEEL TUBES**

HOT DIP GALVANIZED



ALTECH EASY FLOW® LIGHT WALL STEEL TUBES

HOT DIP GALVANIZED

DESCRIPTION

Altech Easy Flow are light wall steel tubes with grooved ends. For use in fire protection sprinkler systems.

PRODUCT INFORMATION

- Light wall steel tubes with grooved ends, produced according to EN 10217-1.
- Cold formed welded steel tubes, where inside weld bead is removed.
- Tubes are double certified according to ASTM A 53 / P235 TR1 EN 10217-1.
- Galvanized according to ASTM A 795 / EN 10240-A1 minimum 55 µm inside and outside.
Minimum 28 µm inside at weld bead area
- As the tubes are hot dip galvanized, they are FM approved for use in dry sprinkler systems.
- Delivered in lengths of 6000 mm +/- 5 mm.
- Production certified according to ISO 9001 and 14001.

PRODUCTION

MARKING/APPROVALS

The tubes can be delivered with certificate 3.1 according to EN 10204:2005.

The tubes are manufactured under continuous NDE / NDT inspection, and pressure tested to 50 bar with water.

FM approval no. 3052869 (copy can be handed out by BD)

DN 25 < 125 (DN33,7 < 139,7). Approved together with ATUSA couplings.

FM approval no. 3025409 (copy can be handed out by BD)

DN 150 (168,3)

FM approved for working pressure 300 psi (20,8 bar)

Marking/traceability: ASTM A 53/P235 TR 1 EN 10217-1, Dimension, heat/charge number, FM ., The manufacturer's name or trade mark.

CALCULATIONS

Calculation is made and based on the systems pressure / temperature requirements. Calculation standard EN 13480 applies to tubes according to EN 10217- 1.

The FM approval for sprinkler systems indicates the maximum permitted pressure for this type of installation according to FM.

Note.

When hot dip galvanized steel tubes are bent, grooved, or in any other way machined, to a point that causes the galvanization layer to stretch, or compress, beyond the elastic limit, peeling of the galvanization may occur. If peeling occurs, it is recommended to finish/spray the area with cold galvanizing.



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PRODUCT OVERVIEW

Art. No	
029003034	Altech 33,7 x 2,00 mm Galv. Welded Tubes
029003042	Altech 42,4 x 2,00 mm Galv. Welded Tubes
029003048	Altech 48,3 x 2,00 mm Galv. Welded Tubes
029003060	Altech 60,3 x 2,00 mm Galv. Welded Tubes
029003076	Altech 76,1 x 2,18 mm Galv. Welded Tubes
029003089	Altech 88,9 x 2,36 mm Galv. Welded Tubes
029003114	Altech 114,3 x 2,6 mm Galv. Welded Tubes
029003140	Altech 139,7 x 3,4 mm Galv. Welded Tubes
029003168	Altech 168,3 x 3,4 mm Galv. Welded Tubes

DIMENSION TABLE

Art. No	DN	Outside diameter	Wall thickness	Kilo/Meter	Kilo/lenght	Lenghts per bundle
029003034	25	33,7	2,00	1,61	9,66	91
029003042	32	42,4	2,00	2,06	12,36	61
029003048	40	48,3	2,00	2,36	14,16	61
029003060	50	60,3	2,00	2,97	17,82	37
029003076	65	76,1	2,18	4,11	24,66	19
029003089	80	88,9	2,36	5,21	31,26	19
029003114	100	114,3	2,60	7,41	44,46	19
029003140	125	139,7	3,40	11,83	70,98	10
029003168	150	168,3	3,40	14,30	85,80	10

