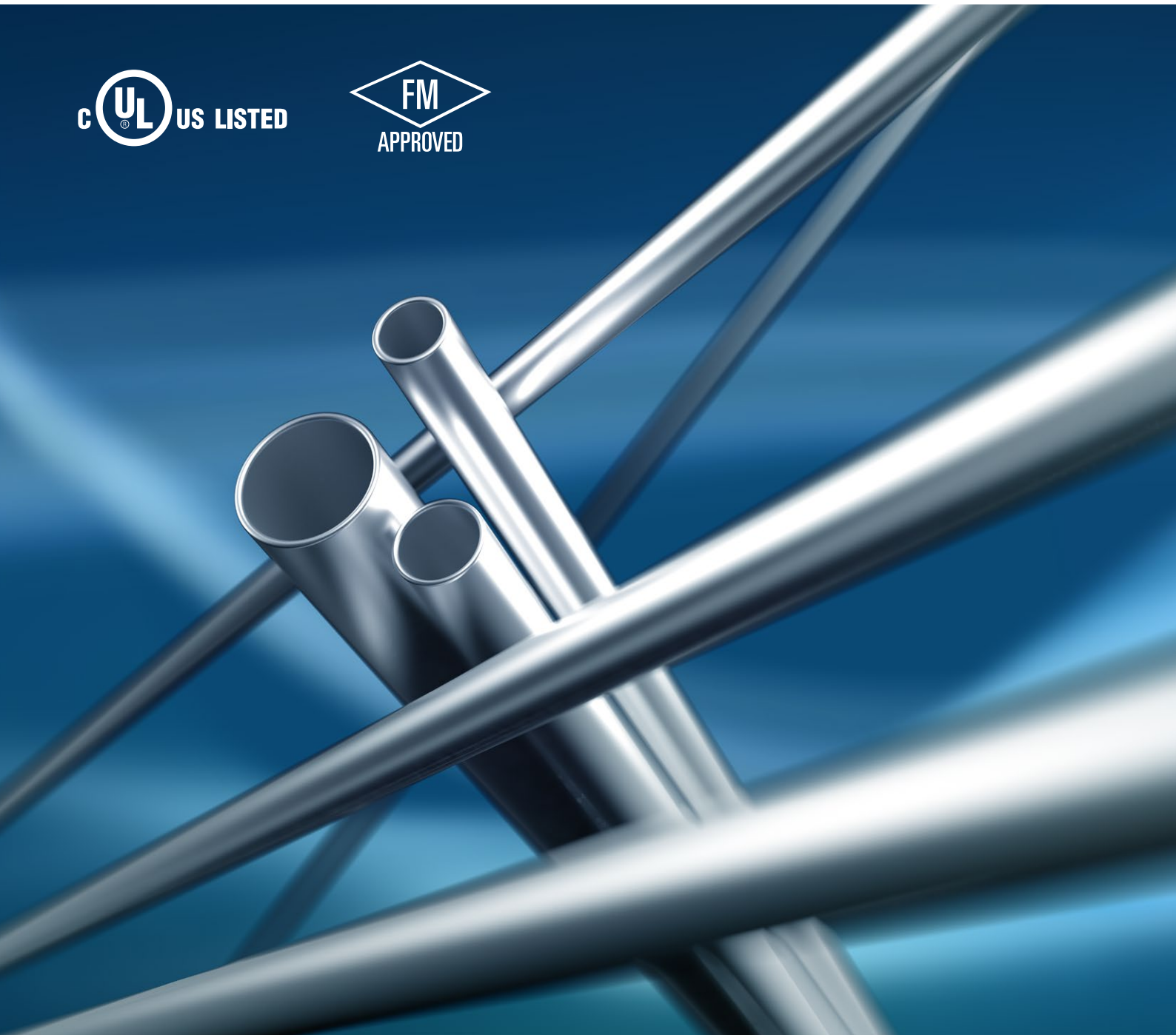




WGALWELD 5, 5E, 7, 7E  
CONTINUOUS GALVANIZED FINISH  
THE NEW STANDARD OF SPRINKLER PIPES



# WGALWELD 5, 5E, 7, 7E

The coated styles with continuous galvanized finish

## Characteristic features of WGalweld pipes

- Made of Wuppermann's continuous pre-galvanized flat strip according to EN 10346
- No flaking of zinc coating even in cases of subsequent roll-grooving on site. Corrosion protection is fully maintained.
- Corrosion resistant weld seam, inside and outside
- Smooth and homogeneous surfaces, inside and outside
  - ensure a safe and tight seat of rubber gasketed fittings on the pipe
  - make an organic coating finish cheaper
  - decrease the hydraulic pressure loss inside the pipework
- Optimized wall gauges effect a cost-efficient piping and easy mounting
- Larger inner diameter due to optimized wall gauges and best C-values make downsizing of the pipes and various system components possible (C-values are subject to regulatory approval)
- WGalweld 5E and 7E are economically and ecologically sustainable models with different zinc layers on the outer and inner surface

## WGalweld pipes on the test bench

- Certified according to ISO 9001:2008 and ÖNORM EN ISO 3834-3
- Pipe standards: EN 10217-1 / ASTM A 135 / ASTM A 795
- Galvanizing standards: EN 10346 / ASTM A 653
- Test report according to EN 10204 – 3.1
- Certified welders according to ÖNORM EN ISO 14732:2013
- Certified NDT-personnel according to ÖNORM EN ISO 9712
- Continuous inline measurement of the pipe geometry
- Continuous inline eddy current and thermographic test of the weld seam
- Each pipe is hydro pressure tested (85 bar)

Galvanized pipes		WGalweld 5, 5E					WGalweld 7, 7E					Package
DN	NPS [inch]	Nominal			Weight		Nominal			Weight		[pc./bundle]
		O.D.	I.D.	Wall	empty	H <sub>2</sub> O filled	O.D.	I.D.	Wall	empty	H <sub>2</sub> O filled	
25	1	33.70	30.40	1.65	1.3	2.0	33.70	30.40	1.65	1.3	2.0	127
32	1-1/4	42.40	39.10	1.65	1.7	2.9	42.40	39.10	1.65	1.7	2.9	127
40	1-1/2	48.30	45.00	1.65	1.9	3.5	48.30	44.28	2.01	2.3	3.8	91
50	2	60.30	57.00	1.65	2.4	4.9	60.30	56.28	2.01	2.9	5.4	61
65	2-1/2	76.10	71.88	2.11	3.9	7.9	76.10	71.88	2.11	3.9	7.9	37
80	3	88.90	84.68	2.11	4.5	10.1	88.90	84.22	2.34	5.0	10.6	19
100	4	114.30	110.08	2.11	5.8	15.4	114.30	109.10	2.60	7.2	16.5	19
<b>Rated pressure 12 bar max.</b>							<b>Rated pressure 20 bar max.</b>					

Galvanized pipes		WGalweld 5, 5E			WGalweld 7, 7E		
DN	NPS [inch]	Sprinkler pipe approvals		Sprinkler pipe approvals		FM, UL, cUL	FM**, UL, cUL
		Wet system	Dry system	Wet system	Dry system		
25 – 50	1 – 2	FM, UL, cUL	FM*, UL, cUL	FM, UL, cUL	FM**, UL, cUL	FM, UL, cUL	FM**, UL, cUL
65 – 100	2-1/2 – 4	UL, cUL	UL, cUL				

\* applies to WGalweld 5

\*\* applies to WGalweld 7



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