



Typhoon 630 Series

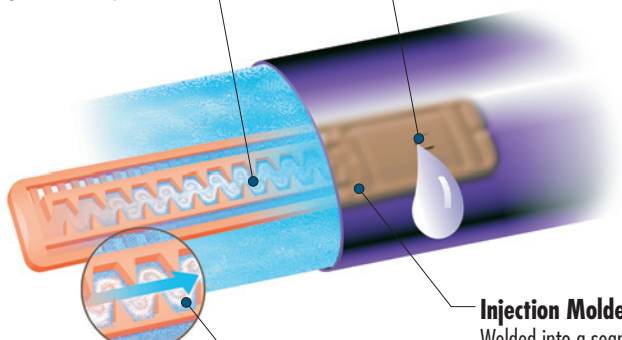
The Ultimate Thinwall Dripperline for Long Term Row Crop Irrigation To 1,000 Feet

Industry's Widest Flow Path

Wider cross-section allows large particles through short flow path.

Advanced Flap Technology

Systematically opens and closes during start-up and shut-down providing uninterrupted flow while open and preventing soil ingestion and root intrusion when closed.



Injection Molded Drippers

Welded into a seamless wall of tubing for added strength, durability and long-term performance.

TURBONET

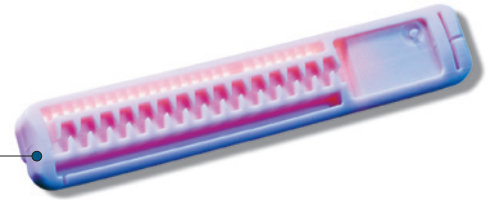
Increased Flow Path Velocity

Commonly used turbulent drippers have overlapping tooth patterns, easily catching debris.

Turbonet Technology improves dripper performance by widening the tooth pattern, maximizing flow path velocity, allowing contaminants to pass easily through the dripper, virtually eliminating plugging.

Product Advantages

- Injection Molded Drippers - welded into a wall of seamless tubing preventing damage to the drippers during installation and distortion of the dripper flow even as tubing stretches and expands
- Seamless Construction
 - Stronger, more durable than comparable drippers
 - Fortifies against splitting or bursting under high pressures required for proper flushing
 - Eliminates root growth and intrusion - no path for roots to follow
- Dripperlines packaged with more feet per reel, the industry's longest, requiring fewer fittings and less time changing reels during installation
- Industry's lowest filtration requirement - 120 mesh
- Larger filter inlets, provide secondary filtration - reduces clogging, maintaining the essential supply of water to the dripper for constant delivery of water flow



Applications

- For surface or permanent sub-surface drip installations.
- **8 mil** – for seasonal or multi-seasonal use, surface or shallow (up to 8") burial.
- **10 mil** – for multi-seasonal use, surface or shallow (up to 10") burial, where rocky or clod soils exist.
- **13/15 mil** – for sub-surface applications where durability is needed with deep burial (up to 24").

Specifications

Wall thickness (mil): 8, 10, 13, 15

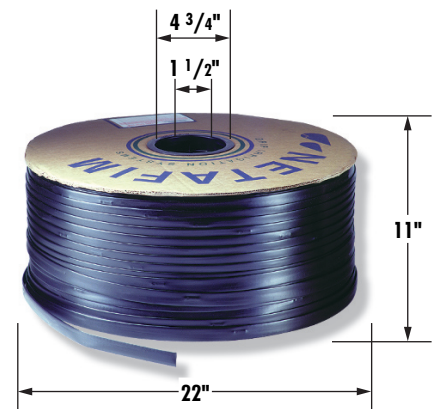
Inside diameter (inches): .636

Nominal flow rates (GPH @ 10 psi):
.18, .24, .36, .58

Common spacings: 12", 16", 18", 24", 30"

Recommended filtration:

- 120 mesh for .24, .36 and .58 GPH
- 140 mesh for .18 GPH



NETAFIM USA

5470 E. Home Ave. • Fresno, CA 93727

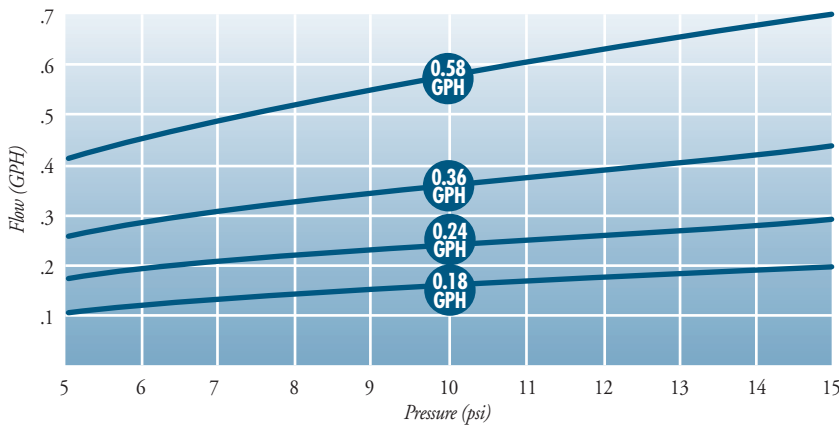
888.638.2346 • 559.453.6800

FAX 800.695.4753

www.netafimusa.com

Typhoon 630 Series Technical Information

TYPHOON Flow Rate vs. Pressure



DRIPPER DATA

Dripper GPH	Exponent (x)	Constant (k)	Kd (630)	Cv
0.18	0.45	0.064	0.10	.025
0.24	0.45	0.088	0.10	.025
0.36	0.45	0.122	0.10	.025
0.58	0.45	0.192	0.10	.025

DRIPPER FLOW PATH DIMENSIONS

Dripper	Length	Depth	Width
0.18	.9"	.018"	0.024"
0.24	.9"	.024"	0.024"
0.36	.9"	.028"	0.032"
0.58	.9"	.034"	0.037"

MAXIMUM OPERATING PRESSURE

Wall Thickness	psi
8 mil	12
10 mil	14
13 mil	20
15 mil	26

PACKAGING DATA

Wall	Reel Length	Weight	Reels per Pallet	Weight per Pallet
8 mil	8,000'	58 lbs	16	973 lbs
10 mil	6,500'	58 lbs	16	973 lbs
13 mil	5,000'	56 lbs	16	941 lbs
15 mil	4,100'	56 lbs	16	941 lbs

Packaging data using 22" x 11" cardboard reels with 1 1/2" hub hole.
Weights are approximate. 16 reels per pallet. Pallet weight includes 45 lbs. for weight of pallet.

LENGTH OF RUN @ 0% Slope

TYPHOON .636, 0.18 GPH Dripper (0.18 @ 10 psi)

Dripper Spacing	GPM per 100 ft.	Emission Uniformity (EU)		
		94%	92%	90%
8"	0.479	342	418	474
12"	0.322	476	575	651
16"	0.241	589	715	812
18"	0.212	643	781	884
24"	0.161	797	965	1093

LENGTH OF RUN @ 0% Slope

TYPHOON .636, 0.24 GPH Dripper (0.25 @ 10 psi)

Dripper Spacing	GPM per 100 ft.	Emission Uniformity (EU)		
		94%	92%	90%
8"	0.628	291	354	400
12"	0.422	401	488	551
16"	0.317	499	606	686
18"	0.279	546	663	748
24"	0.211	675	814	922

LENGTH OF RUN @ 0% Slope

TYPHOON .636, 0.36 GPH Dripper (0.35 @ 10 psi)

Dripper Spacing	GPM per 100 ft.	Emission Uniformity (EU)		
		94%	92%	90%
8"	0.856	233	285	322
12"	0.577	323	392	443
16"	0.433	400	488	552
18"	0.382	437	532	602
24"	0.289	542	656	745

LENGTH OF RUN @ 0% Slope

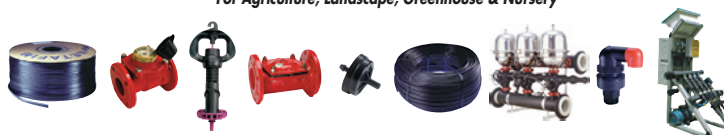
TYPHOON .636, 0.58 GPH Dripper (0.56 @ 10 psi)

Dripper Spacing	GPM per 100 ft.	Emission Uniformity (EU)		
		94%	92%	90%
8"	1.362	171	208	236
12"	0.924	236	287	325
16"	0.696	293	357	405
18"	0.613	320	388	442
24"	0.465	394	482	545

Netafim USA - Delivering Total Growing Solutions

- Dripplines • Filters • Valves • Air Vents • Sprinklers • Automation • Flow Meters

For Agriculture, Landscape, Greenhouse & Nursery



For more information call Netafim USA
Customer Service at (888) 638-2346.