

WATER LINE - M

Application

Perennial crop irrigation

Benefits

Better flexibility with flat dripper

Superior durability

Less clogging

Resistant to UV and agricultural chemicals

Low CV under 0.03



General Specification

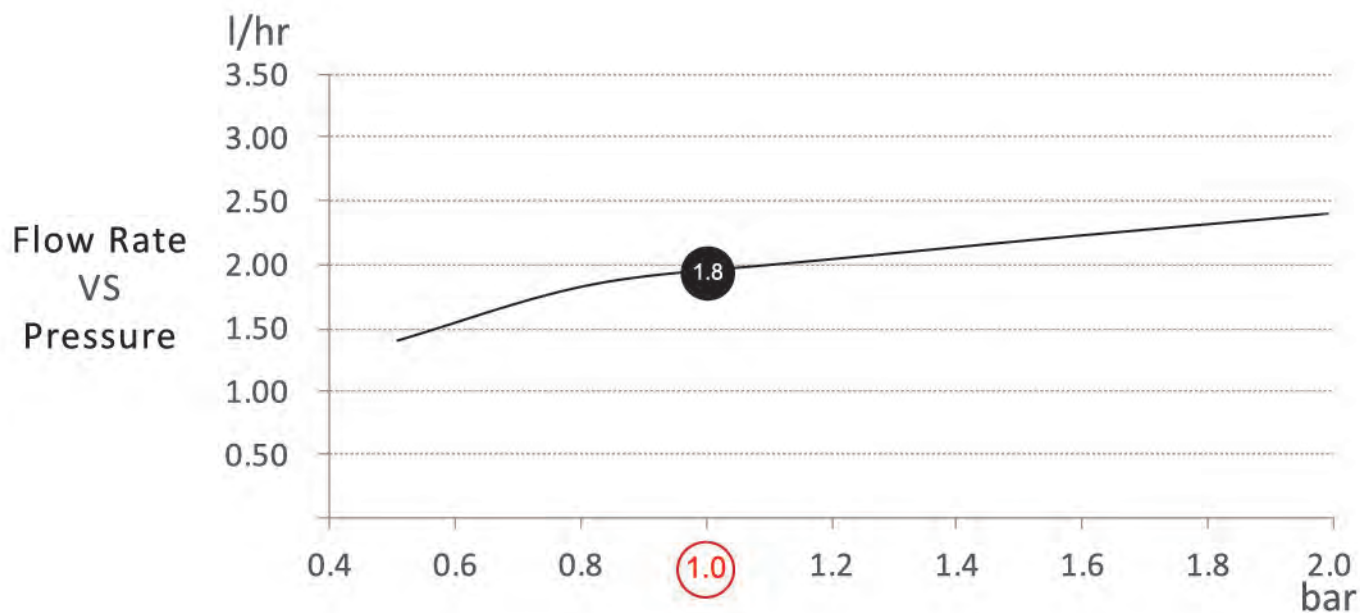
Outside Diameter	15.8 mm
Wall Thickness	0.7 mm ~ 1.0 mm (27.5 mil ~ 39 mil)
Emitter Distance	15 ~ 100 cm
Flow rate (1 bar)	1.8 L.H
Working Pressure	1.0 ~ 1.5 bar
Filtration	120 mesh
Roll Length	300 m / 400 m

Water Line - M Technical data

ID(mm)	Wall Thickness (mm) (mil)	OD(mm)	Recommended Working Pressure	Maximum Pressure
14.4	0.7 27.55	15.8	1.0 ~ 1.5	> 3.6
14.2	0.8 31.49	15.8	1.0 ~ 1.5	> 3.8
14.0	0.9 35.43	15.8	1.0 ~ 1.5	> 4.0
13.8	1.0 39.37	15.8	1.0 ~ 1.5	> 4.2

Drippers' Technical Data

Nominal Flow rate (L/H) at 1 bar	Water Passages W x D x L (mm)	Recommended Filtration (mesh) / (micron)	CV	Constant K	Exponent X
1.8	0.8 x 1.0 x 84	120 / 130	< 3.16 %	0.490	0.65



Flow rate(L/H) VS Pressure(bar)

Nominal	0.5	0.8	1.0	1.2	1.5
1.8	1.49	1.72	1.82	2.05	2.34

Maximum Lateral Length(m) within 90% uniformity on Flat Terrain

Nominal (L/H)	Inlet Pressure(bar)	Dripper Distance(cm)					
		15	20	30	40	50	100
1.8	0.7	59	72	88	100	126	181
	1.0	75	90	115	139	160	250

Loading Quantity

Roll Length(m)	Emitter Spacing (cm)	Roll Size (cm)	20 feet (Rolls)	40 feet (Rolls)	40 HC (Rolls)
300 m	10, 15, 20	67 * 32	200	408	459
400 m	> 30	76 * 32	174	369	417