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This edition of TechTALK focuses on the **RECOMMENDED MAXIMUM OPERATING AND FLUSHING PRESSURES** for Netafim thinwall driplines.

The proper flushing of laterals used in all micro-irrigation applications is a very critical component of a successful maintenance program for drip irrigation systems.

Although contested, a flushing velocity of 1.0 feet per second (fps) is the preferred flushing velocity in order to achieve proper scouring of lateral lines and remove particulate buildup. Whether you flush each lateral individually or install a flushing manifold to flush multiple laterals at the same time, proper flushing velocity needs to be incorporated in the overall system design.

The tables below show Recommended Maximum Operating and Flushing Pressures for Netafim thinwall driplines - Streamline™ Plus, Typhoon™ Plus, DripNet PC™ and Aries™. These pressures are based on the Maximum Flushing Pressure listed to achieve  $\geq 1.0$  feet per second flushing velocity.

### STREAMLINE PLUS THINWALL

SERIES & WALL THICKNESS	OPERATING (psi)	FLUSHING (psi)
630 SERIES 5 MIL	13	19.5
630 SERIES 6 MIL	16	23.4
630 SERIES 8 MIL	17	26.0
630 SERIES 10 MIL	20	30.0
630 SERIES 13 MIL	26	39.2
820 SERIES 6 MIL	14	21.5
820 SERIES 8 MIL	15	22.5
820 SERIES 10 MIL	16	24.0
875 SERIES 6 MIL	13	19.5
875 SERIES 8 MIL	14.5	21.8
875 SERIES 10 MIL	16	24.0
875 SERIES 12 MIL	20	30.0
875 SERIES 13 MIL	22	32.7

### TYPHOON PLUS THINWALL

SERIES & WALL THICKNESS	OPERATING (psi)	FLUSHING (psi)
638 SERIES 8 MIL	15	21.8
638 SERIES 10 MIL	17	26.1
638 SERIES 13 MIL	26	39.2
638 SERIES 15 MIL	32	47.9
875 SERIES 8 MIL	12	17.4
875 SERIES 10 MIL	15	21.8
875 SERIES 13 MIL	22	32.7
875 SERIES 15 MIL	26	39.2
990 SERIES 13 MIL	17	26.1
990 SERIES 15 MIL	20	30.5
1 1/8 SERIES 13 MIL	16	24.0
1 1/8 SERIES 15 MIL	17	26.0
1 3/8 SERIES 15 MIL	17	25.5

### DRIPNET PC THINWALL

SERIES & WALL THICKNESS	OPERATING (psi)	FLUSHING (psi)
636 SERIES 13 MIL	26	39
636 SERIES 15 MIL	32	48
636 SERIES 25 MIL	41	61
875 SERIES 13.5 MIL	22	33
875 SERIES 15 MIL	26	39
875 SERIES 25 MIL	36	54
990 SERIES 18 MIL	24	36
990 SERIES 25 MIL	29	43

### ARIES THINWALL

SERIES & WALL THICKNESS	OPERATING (psi)	FLUSHING (psi)
638 SERIES 13 MIL	26	33
638 SERIES 15 MIL	32	42
875 SERIES 13 MIL	23	30
875 SERIES 15 MIL	26	33
990 SERIES 13 MIL	17	26
990 SERIES 15 MIL	20	30
1 1/8 SERIES 15 MIL	16	24
1 3/8 SERIES 15 MIL	17	25

For more information or if you have questions, contact your local Netafim representative or Customer Service at (888) 638-2346.

Thank you.