

FlexNet™ Maximum Manifold Length Charts



TWD = Thinwall Dripline
EU = Emission Uniformity

→ 2" FLEXNET

5/8" TWD AT 92% EU, 0% SLOPE					
TWD INLET Q (GPM)	1.46	1.84	2.13	2.50	
TWD AVG Q (GPM/100')	0.22	0.34	0.45	0.67	
OUTLET SPACING	HF	MAXIMUM MANIFOLD LENGTH			
30"	1PSI	98'	85'	78'	70'
	2PSI	128'	110'	98'	90'
36"	1PSI	111'	96'	87'	78'
	2PSI	141'	123'	111'	99'
40"	1PSI	120'	103'	93'	83'
	2PSI	150'	130'	120'	107'
60"	1PSI	155'	130'	120'	110'
	2PSI	195'	170'	155'	140'
72"	1PSI	174'	150'	132'	120'
	2PSI	222'	192'	174'	156'
80"	1PSI	187'	160'	147'	127'
	2PSI	240'	207'	187'	167'

→ 3" FLEXNET

5/8" TWD AT 92% EU, 0% SLOPE					
TWD INLET Q (GPM)	1.46	1.84	2.13	2.50	
TWD AVG Q (GPM/100')	0.22	0.34	0.45	0.67	
OUTLET SPACING	HF	MAXIMUM MANIFOLD LENGTH			
30"	1PSI	203'	175'	158'	143'
	2PSI	260'	223'	203'	183'
36"	1PSI	228'	195'	177'	162'
	2PSI	291'	249'	228'	204'
40"	1PSI	243'	210'	190'	173'
	2PSI	313'	270'	243'	220'
60"	1PSI	315'	275'	250'	225'
	2PSI	405'	350'	315'	285'
72"	1PSI	360'	306'	276'	252'
	2PSI	456'	390'	354'	324'
80"	1PSI	380'	327'	300'	267'
	2PSI	487'	420'	380'	347'

→ 4" FLEXNET

5/8" TWD AT 92% EU, 0% SLOPE					
TWD INLET Q (GPM)	1.46	1.84	2.13	2.50	
TWD AVG Q (GPM/100')	0.22	0.34	0.45	0.67	
OUTLET SPACING	HF	MAXIMUM MANIFOLD LENGTH			
30"	1PSI	325'	278'	253'	228'
	2PSI	415'	355'	323'	290'
36"	1PSI	363'	315'	282'	255'
	2PSI	462'	399'	363'	327'
40"	1PSI	390'	333'	303'	273'
	2PSI	497'	427'	387'	350'
60"	1PSI	510'	435'	400'	360'
	2PSI	650'	555'	505'	455'
72"	1PSI	570'	492'	450'	402'
	2PSI	726'	624'	570'	510'
80"	1PSI	607'	527'	480'	433'
	2PSI	773'	673'	607'	547'

→ 6" FLEXNET

5/8" TWD AT 92% EU, 0% SLOPE					
TWD INLET Q (GPM)	1.46	1.84	2.13	2.50	
TWD AVG Q (GPM/100')	0.22	0.34	0.45	0.67	
OUTLET SPACING	HF	MAXIMUM MANIFOLD LENGTH			
30"	1PSI	725'	620'	558'	505'
	2PSI	915'	788'	710'	643'
36"	1PSI	810'	690'	630'	570'
	2PSI	1,029'	879'	801'	726'
40"	1PSI	867'	750'	683'	617'
	2PSI	1,103'	950'	860'	780'
60"	1PSI	1,125'	975'	890'	800'
	2PSI	1,430'	1,225'	1,125'	1,015'
72"	1PSI	1,260'	1,080'	990'	900'
	2PSI	1,620'	1,380'	1,260'	1,140'
80"	1PSI	1,367'	1,167'	1,067'	967'
	2PSI	1,733'	1,487'	1,347'	1,220'

Maximum Manifold Length Charts

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5/8" TWD AT 92% EU, 0% SLOPE					
TWD INLET Q (GPM)		1.46	1.84	2.13	2.50
TWD AVG Q (GPM/100')		0.22	0.34	0.45	0.67
OUTLET SPACING	HF	MAXIMUM MANIFOLD LENGTH			
30"	1PSI	1,100'	950'	863'	775'
	2PSI	1,398'	1,200'	1,093'	988'
36"	1PSI	1,230'	1,065'	975'	879'
	2PSI	1,575'	1,350'	1,230'	1,110'
40"	1PSI	1,333'	1,150'	1,033'	933'
	2PSI	1,693'	1,450'	1,317'	1,187'
60"	1PSI	1,725'	1,475'	1,350'	1,225'
	2PSI	2,200'	1,885'	1,715'	1,550'
72"	1PSI	1,950'	1,680'	1,530'	1,380'
	2PSI	2,460'	2,130'	1,938'	1,740'
80"	1PSI	2,067'	1,800'	1,633'	1,467'
	2PSI	2,633'	2,267'	2,067'	1,867'

→ 2" FLEXNET

7/8" TWD AT 92% EU, 0% SLOPE					
TWD INLET Q (GPM)		2.74	3.33	3.76	4.47
TWD AVG Q (GPM/100')		0.22	0.34	0.45	0.67
OUTLET SPACING	HF	MAXIMUM MANIFOLD LENGTH			
30"	1PSI	65'	58'	53'	48'
	2PSI	83'	73'	68'	60'
36"	1PSI	72'	63'	60'	54'
	2PSI	93'	81'	75'	66'
40"	1PSI	80'	70'	63'	57'
	2PSI	100'	87'	80'	73'
60"	1PSI	100'	90'	80'	75'
	2PSI	130'	115'	105'	95'
72"	1PSI	114'	102'	90'	84'
	2PSI	144'	126'	120'	108'
80"	1PSI	120'	107'	100'	87'
	2PSI	153'	140'	127'	113'

→ 3" FLEXNET

7/8" TWD AT 92% EU, 0% SLOPE					
TWD INLET Q (GPM)		2.74	3.33	3.76	4.47
TWD AVG Q (GPM/100')		0.22	0.34	0.45	0.67
OUTLET SPACING	HF	MAXIMUM MANIFOLD LENGTH			
30"	1PSI	135'	118'	110'	98'
	2PSI	173'	150'	140'	125'
36"	1PSI	150'	132'	123'	111'
	2PSI	192'	171'	156'	141'
40"	1PSI	164'	143'	130'	117'
	2PSI	207'	183'	167'	150'
60"	1PSI	210'	185'	170'	150'
	2PSI	270'	235'	220'	195'
72"	1PSI	234'	210'	192'	174'
	2PSI	300'	264'	246'	222'
80"	1PSI	253'	220'	207'	187'
	2PSI	327'	287'	260'	233'

→ 4" FLEXNET

7/8" TWD AT 92% EU, 0% SLOPE					
TWD INLET Q (GPM)		2.74	3.33	3.76	4.47
TWD AVG Q (GPM/100')		0.22	0.34	0.45	0.67
OUTLET SPACING	HF	MAXIMUM MANIFOLD LENGTH			
30"	1PSI	215'	190'	175'	155'
	2PSI	273'	243'	223'	198'
36"	1PSI	240'	210'	195'	174'
	2PSI	306'	270'	249'	222'
40"	1PSI	260'	230'	210'	187'
	2PSI	330'	290'	267'	240'
60"	1PSI	335'	295'	270'	245'
	2PSI	430'	375'	350'	310'
72"	1PSI	378'	330'	306'	276'
	2PSI	480'	426'	390'	348'
80"	1PSI	407'	360'	333'	293'
	2PSI	513'	453'	420'	373'

Maximum Manifold Length Charts

TWD = Thinwall Dripline
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→ 6" FLEXNET

7/8" TWD AT 92% EU, 0% SLOPE					
TWD INLET Q (GPM)		2.74	3.33	3.76	4.47
TWD AVG Q (GPM/100')		0.22	0.34	0.45	0.67
OUTLET SPACING	HF	MAXIMUM MANIFOLD LENGTH			
30"	1PSI	475'	425'	388'	350'
	2PSI	605'	533'	493'	440'
36"	1PSI	540'	474'	435'	390'
	2PSI	684'	603'	555'	498'
40"	1PSI	573'	510'	467'	417'
	2PSI	730'	643'	593'	530'
60"	1PSI	750'	660'	610'	540'
	2PSI	955'	840'	775'	690'
72"	1PSI	840'	738'	690'	612'
	2PSI	1,068'	942'	870'	780'
80"	1PSI	900'	800'	733'	660'
	2PSI	1,147'	1,007'	933'	833'

→ 8" FLEXNET

7/8" TWD AT 92% EU, 0% SLOPE					
TWD INLET Q (GPM)		2.74	3.33	3.76	4.47
TWD AVG Q (GPM/100')		0.22	0.34	0.45	0.67
OUTLET SPACING	HF	MAXIMUM MANIFOLD LENGTH			
30"	1PSI	725'	650'	595'	530'
	2PSI	925'	820'	758'	675'
36"	1PSI	825'	720'	675'	600'
	2PSI	1,050'	924'	855'	762'
40"	1PSI	833'	783'	717'	640'
	2PSI	1,123'	987'	913'	813'
60"	1PSI	1,150'	1,010'	935'	825'
	2PSI	1,450'	1,285'	1,190'	1,060'
72"	1PSI	1,290'	1,140'	1,050'	930'
	2PSI	1,644'	1,440'	1,338'	1,194'
80"	1PSI	1,380'	1,213'	1,133'	1,007'
	2PSI	1,753'	1,547'	1,433'	1,280'