

TORO

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I.P.S - Flexible PVC Tubing

Micro-Irrigation

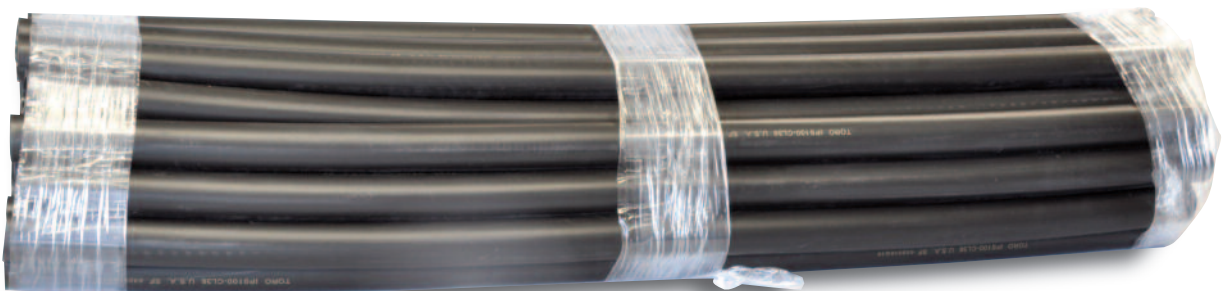


Application:

Toro I.P.S. (Iron Pipe Size) Flexible PVC Tubing is manufactured in the USA using high quality resins and stringent quality control standards. This heavy duty pipe is most commonly used as risers to connect a submain to a lateral, or to make flexible swing joints.

Features and Benefits:

- Available in 1/2", 3/4" and 1" diameter
- 100' and 200' coils available in all sizes
- Cut-lengths readily available from 12"– 60"
Custom cut-lengths also available if minimum run lengths are satisfied
- Provides more flexibility and durability than rigid PVC and is more resistant to kinking than polyethylene tubing
- Allows easy repair of rigid PVC pipe
- Allows easy access around, over or under objects
- Industry leading consistency on tubing wall thickness, inside and outside diameter dimensions



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IPS Tubing - Flexible PVC							
Part Number	Description	Length		Coil/Bundle Weight		Quantity	Coils/Pieces
		Ft / In.	M.	Lbs.	Kilos	Per Bundle	Per Pallet
1/2" IPS Tubing							
IPSS0-100	1/2" IPS Tubing. 100' Coil	100'	30.5	20.0	9.1	-	24
IPSS0-200	1/2" IPS Tubing. 200' Coil	200'	61.0	40.0	18.1	-	15
IPSS0-CL12	1/2" IPS Tubing. 12" Cut Length	12"	0.30	5.0	2.3	25	4,500
IPSS0-CL18	1/2" IPS Tubing. 18" Cut Length	18"	0.46	7.5	3.4	25	3,000
IPSS0-CL24	1/2" IPS Tubing. 24" Cut Length	24"	0.61	10.0	4.5	25	2,000
IPSS0-CL30	1/2" IPS Tubing. 30" Cut Length	30"	0.76	12.5	5.7	25	1,500
IPSS0-CL36	1/2" IPS Tubing. 36" Cut Length	36"	0.91	15.0	6.8	25	1,500
IPSS0-CL42	1/2" IPS Tubing. 42" Cut Length	42"	1.07	17.5	7.9	25	1,500
IPSS0-CL48	1/2" IPS Tubing. 48" Cut Length	48"	1.22	20.0	9.1	25	1,500
IPSS0-CL60	1/2" IPS Tubing. 60" Cut Length	60"	1.52	25.0	11.3	25	1,500
3/4" IPS Tubing							
IPS75-100	3/4" IPS Tubing. 100' Coil	100'	30.5	30.0	13.6	-	21
IPS75-200	3/4" IPS Tubing. 200' Coil	200'	61.0	60.0	27.2	-	10
IPS75-CL12	3/4" IPS Tubing. 12" Cut Length	12"	0.30	8.0	3.6	25	3,000
IPS75-CL18	3/4" IPS Tubing. 18" Cut Length	18"	0.46	12.0	5.4	25	2,000
IPS75-CL24	3/4" IPS Tubing. 24" Cut Length	24"	0.61	16.0	7.3	25	1,300
IPS75-CL30	3/4" IPS Tubing. 30" Cut Length	30"	0.76	20.0	9.1	25	1,000
IPS75-CL36	3/4" IPS Tubing. 36" Cut Length	36"	0.91	24.0	10.9	25	1,000
IPS75-CL42	3/4" IPS Tubing. 42" Cut Length	42"	1.07	28.0	12.7	25	1,000
IPS75-CL48	3/4" IPS Tubing. 48" Cut Length	48"	1.22	32.0	14.5	25	1,000
IPS75-CL60	3/4" IPS Tubing. 60" Cut Length	60"	1.52	40.0	18.1	25	1,000
1" IPS Tubing							
IPS100-100	1" IPS Tubing. 100' Coil	100'	30.5	41.0	18.6	-	14
IPS100-200	1" IPS Tubing. 200' Coil	200'	61.0	82.0	37.2	-	10
IPS100-CL12	1" IPS Tubing. 12" Cut Length	12"	0.30	10.5	4.8	25	1,800
IPS100-CL18	1" IPS Tubing. 18" Cut Length	18"	0.46	15.8	7.2	25	1,200
IPS100-CL24	1" IPS Tubing. 24" Cut Length	24"	0.61	21.0	9.5	25	800
IPS100-CL30	1" IPS Tubing. 30" Cut Length	30"	0.76	26.3	11.9	25	700
IPS100-CL36	1" IPS Tubing. 36" Cut Length	36"	0.91	31.5	14.3	25	700
IPS100-CL42	1" IPS Tubing. 42" Cut Length	42"	1.07	36.8	16.7	25	700
IPS100-CL48	1" IPS Tubing. 48" Cut Length	48"	1.22	42.0	19.1	25	700
IPS100-CL60	1" IPS Tubing. 60" Cut Length	60"	1.52	52.5	23.8	25	700

Friction Loss Per 100'			
Size	GPM	Loss(psi)	Velocity(ft/s)
1/2"	2	3.5	2.5
	4	11.1	5.0
	6	26.1	7.5
3/4"	2	0.7	1.3
	4	2.1	2.5
	6	5.1	3.8
	8	8.0	5.0
	10	12.0	6.3
1"	6	1.5	2.4
	8	2.4	3.2
	10	3.5	4.0
	12	5.1	4.8
	14	6.6	5.6

Maximum Working Pressure, 73 Degrees F			
Size	1/2"	3/4"	1"
WP (PSI)	65	55	50

When gluing flexible PVC tubing, the use of both a primer and PVC glue formulated for use with flexible PVC are recommended for optimal performance.

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