



## Characteristics and Flow Capacity For Polytube

Cubic Feet per Second (CFS)

Diameter in - (cm)	Thickness mil	*Flow Capacity cubic ft per sec	Roll Length ft - (m)	Rolls on Pallet
5 - (13)	6	<b>0.30</b> (+/- 0.05)	500 - (152)	25
7 - (18)	7	<b>0.44</b> (+/- 0.05)	1320 - (402)	8
7 - (18)	10	<b>0.55</b> (+/- 0.05)	1320 - (402)	8
9 - (23)	7	<b>0.89</b> (+/- 0.1)	1320 - (402)	8
9 - (23)	10	<b>1.06</b> (+/- 0.1)	1320 - (402)	8
10 - (25)	7	<b>1.17</b> (+/- 0.1)	1320 - (402)	8
10 - (25)	9	<b>1.34</b> (+/- 0.1)	1320 - (402)	8
10 - (25)	10	<b>1.39</b> (+/- 0.1)	1320 - (402)	8
12 - (30)	7	<b>1.89</b> (+/- 0.2)	1320 - (402)	8
12 - (30)	Tri-Ply 8	<b>2.00</b> (+/- 0.2)	1320 - (402)	8
12 - (30)	9	<b>2.12</b> (+/- 0.2)	1320 - (402)	8
12 - (30)	Tri-Ply 9	<b>2.12</b> (+/- 0.2)	1320 - (402)	8
12 - (30)	10	<b>2.23</b> (+/- 0.2)	1320 - (402)	8

\* Flow Capacity is based on a full roll length run on flat ground and used as a supply line with no water outlets or splices in polytube. Flow Capacity may vary depending on the conditions the polytube is subjected to. If the polytube is running down slope as a supply line or if holes are punched in the polytube along its length then its flow capacity could be increased. If the polytube is running up a slope as a supply line or if air pockets form in the polytube then its flow capacity could be decreased.

Diameter in - (cm)	Thickness mil	*Flow Capacity cubic ft per sec	Roll Length ft - (m)	Rolls on Pallet
15 - (38)	7	<b>3.45</b> (+/- 0.4)	1320 - (402)	8
15 - (38)	Tri-Ply 8	<b>3.62</b> (+/- 0.4)	1320 - (402)	8
15 - (38)	9	<b>3.84</b> (+/- 0.4)	1320 - (402)	8
15 - (38)	Tri-Ply 9	<b>3.84</b> (+/- 0.4)	1320 - (402)	8
15 - (38)	10	<b>4.01</b> (+/- 0.4)	1320 - (402)	8
18 - (46)	9	<b>6.18</b> (+/- 0.5)	1320 - (402)	4
18 - (46)	10	<b>6.46</b> (+/- 0.5)	1320 - (402)	4
22 - (56)	10	<b>10.79</b> (+/- 0.5)	1320 - (402)	4
Transfer Polytube				
10 - (25)	**Trans	<b>2.50</b> (+/- 0.1)	660 - (201)	8
12 - (30)	**Trans	<b>4.07</b> (+/- 0.2)	660 - (201)	8
15 - (38)	**Trans	<b>7.30</b> (+/- 0.4)	660 - (201)	8
18 - (46)	**Trans	<b>11.81</b> (+/- 0.5)	660 - (201)	4

\*\* Trans can be used for applications that require higher flow and/or higher pressure than provided by 10-mil polytube. Flow capacity is for a 201 m or less run on flat ground and used as a supply line with no water outlets or splices in the polytube.

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