

POLYETHYLENE DISTRIBUTION TUBING A XXXX

DESCRIPTION

Black, linear low density polyethylene flexible tubing designed specifically to eliminate failures associated with environmental stress cracking.

TECHNICAL DATA

- Pressure Rating 0-80 psi
- Maximum temperature 120* F
- Contains a minimum of 2% carbon black
- Manufactured from Union Carbide polyethylene #7510 or equal
- All dimensions shown have a manufacturing tolerance not to exceed +/- 1.5%

Dimensions

Part Number	Internal Diameter	Outside Diameter	Wall Thickness
A 185	0.125"	0.185"	0.030"
A 220	0.160"	0.220"	0.030"
A 250	0.170"	0.250"	0.040"
A 455	0.375"	0.455"	0.040"
A 620	0.520"	0.620"	0.050"
A 700	0.600"	0.700"	0.050"
A 710	0.620"	0.710"	0.045"
A 940	0.830"	0.940"	0.055"
A 1200	1.06"	1.20"	0.070"

Friction Loss (psi/100')

Flow	A 455	A 620	A 700	A710	A940	A 1200
0.5 gpm	1.80	0.37	0.19	0.16	0.05	0.02
1.0 gpm	6.60	1.33	0.68	0.55	0.15	0.07
1.5 gpm	12.20	2.45	1.25	1.01	0.32	0.16
2.0 gpm	—	4.80	2.17	1.78	0.53	0.27
2.5 gpm	—	6.18	3.13	2.56	0.82	0.40
3.0 gpm	—	10.31	5.16	4.23	1.11	0.57
3.5 gpm	—	—	6.85	5.62	1.52	0.75
4.0 gpm	—	—	8.78	7.20	1.90	0.96
4.5 gpm	—	—	10.32	8.46	2.42	1.20
5.0 gpm	—	—	—	10.10	2.88	1.46
6.0 gpm	—	—	—	—	4.03	2.04
7.0 gpm	—	—	—	—	5.37	2.71
8.0 gpm	—	—	—	—	6.87	3.47
9.0 gpm	—	—	—	—	8.53	4.32
10.0 gpm	—	—	—	—	10.37	5.25

Flow	A 185	A 220	A 250
3 gph	5.9	1.7	1.3
6 gph	19.7	5.8	4.3
9 gph	41.5	12.2	9.1
12 gph	—	20.9	15.6
15 gph	—	31.7	23.9
18 gph	—	43.9	33.0
21 gph	—	—	44.3