

P&C Flex Conduit

Part No.	Size	I.D.	O.D.	Pull Tape	Reel/Coil	Std. Ctn. Qty. (Ft.)	Std. Ctn. Wt. (lbs.)
11807-350	¾"	.83	1.040	Empty	Coil	350	39.9
1808-250C	1"	1.000	1.315	Empty	Coil	250	36.3
11808-5200	1"	1.000	1.315	Empty	Reel	5200	1019.0
11809-900	1¼"	1.340	1.660	Empty	Reel	900	243.0
11809-4500	1¼"	1.340	1.660	Empty	Reel	4500	972.0
11810-250	1½"	1.570	1.900	Empty	Reel	250	75.8
11810-4500	1½"	1.570	1.900	Empty	Reel	4500	1080.0
11810T-2300	1½"	1.570	1.900	1250 lb.	Reel	2300	720.0
11810T-250	1½"	1.570	1.900	1250 lb.	Reel	250	78.0
11811-1100	2"	2.045	2.375	Empty	Reel	1100	521.4
11811-250	2"	2.045	2.375	Empty	Reel	250	87.0
11811-2500	2"	2.045	2.375	Empty	Reel	2500	815.0
11811-500	2"	2.045	2.375	Empty	Reel	500	201.6
11811-700	2"	2.045	2.375	Empty	Reel	700	269.0
11811T-250	2"	2.045	2.375	1250 lb	Reel	250	89.0
11812-250	2½"	2.469	2.875	Empty	Reel	250	121.0
11812AG-001	2½"	2.469	2.875	Empty	Reel	1300	516.1
11813-1200	3"	3.068	3.500	Empty	Reel	1200	850.8
11813-250	3"	3.068	3.500	Empty	Reel	250	192.0
11813-500	3"	3.068	3.500	Empty	Reel	500	523.0
11813-750	3"	3.068	3.500	Empty	Reel	750	554.3
11815-250	4"	4.026	4.500	Empty	Reel	250	324.0
11815-800	4"	4.026	4.500	Empty	Reel	800	778.4

P&C Flex Fittings

Couplings



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E940E	¾"	100	4.6
E940F	1"	50	3.5
E940G	1¼"	30	3.2
E940H	1½"	25	3.4
E940J	2"	30	5.3
E940K	2½"	20	7.5
E940L	3"	25	14.7
E940N	4"	15	12.5

Female Adapters



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E942E	¾"	100	4.3
E942F	1"	50	3.7
E942G	1¼"	30	3.3
E942H	1½"	25	3.3
E942J	2"	30	5.4
E942K	2½"	20	6.6
E942L	3"	25	11.8
E942N	4"	15	10.8

Terminal Adapters



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E943E	¾"	125	4.2
E943F	1"	50	3.0
E943G	1¼"	25	4.1
E943H	1½"	25	2.7
E943J	2"	5	6.9
E943K	2½"	20	6.3
E943L	3"	45	16.6
E943N	4"	15	11.7

Bell Ends (Schedule 40)



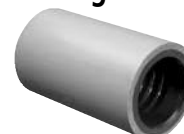
Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E997F	1"	50	2.6
E997G	1¼"	35	2.5
E997H	1½"	30	2.5
E997J	2"	10	4.8
E997K	2½"	10	2.0
E997L	3"	10	10.0
E997N	4"	30	16.0

Plugs



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
P258H	1½"	50	1.7
P258JT	2"	60	3.1
P258K	2½"	25	1.5
P258LT	3"	30	3.4
P258NT	4"	48	8.3

P&C Flex to HDPE Duct Transition Fittings



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
ELA-166154	1.66" to 1.54"	50	36.0
ELA-190154	1.90" to 1.54"	25	34.0

Technical Information

Performance Properties	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Stiffness F/Δy at 5% deflection	200	200	200	200	200	130	130	90
Impact Strength (Ft./Lbs.) 72°	35	40	40	50	50	70	120	140
Impact Strength (Ft./Lbs.) 32°	5	8	8	15	25	35	60	60
Minimum Bending Radius (inches)	6	6	6	7	8	12	15	18
Conduit Tensile Strength	200	300	400	500	700	1000	1500	2000

- Storage: -4°F to 158°F
- Handling: -4°F to 104°F

Sweep and Elbow Conversion Chart

Radius (in.) Nom. Dia.	Segment	18" Required Length of P&C Flex (inches)	24" Required Length of P&C Flex (inches)	36" Required Length of P&C Flex (inches)	48" Required Length of P&C Flex (inches)	60" Required Length of P&C Flex (inches)
1 1/2"	90°	33	42	61	80	99
	45°	19	23	33	42	52
	30°	14	17	23	30	36
	22 1/2°	12	14	19	23	28
2"	90°	32	42	61	79	98
	45°	18	23	32	42	51
	30°	14	17	23	29	35
	22 1/2°	11	12	18	23	28
2 1/2"	90°	34	44	63	81	100
	45°	20	25	33	44	53
	30°	16	19	24	31	37
	22 1/2°	13	15	20	25	30
3"	90°	35	44	63	82	101
	45°	20	25	34	44	53
	30°	16	19	24	32	38
	22 1/2°	13	16	20	25	30
4"	90°	37	46	65	84	103
	45°	22	27	37	46	55
	30°	18	21	27	34	40
	22 1/2°	15	18	22	27	32

For other radius sweeps use this formula:

$$.0175 \times \text{Radius (inches)} \times \text{Angle}^\circ = \text{Required length of P\&C flex in inches}$$