

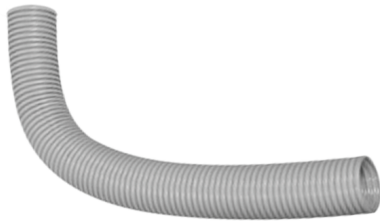
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TECHNICAL DATA SHEET - INTERACTIVE PDF

# Conduit, P&C Flex corrugated flexible conduit

## Power and communication duct

**Carlon**<sup>®</sup>



P&C Flex non-metallic corrugated conduit helps make power and communication installations faster and easier by providing maximum installation flexibility.

**3-Part Specification:**  
**End User Tools**

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**Features:**

- Accommodates any degree of bend, ideal for shallow trenches
- Available in sizes ¾" through 4"
  - with or without pull tape
- Manufactured to IPS dimensions

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**Material:**

- PVC

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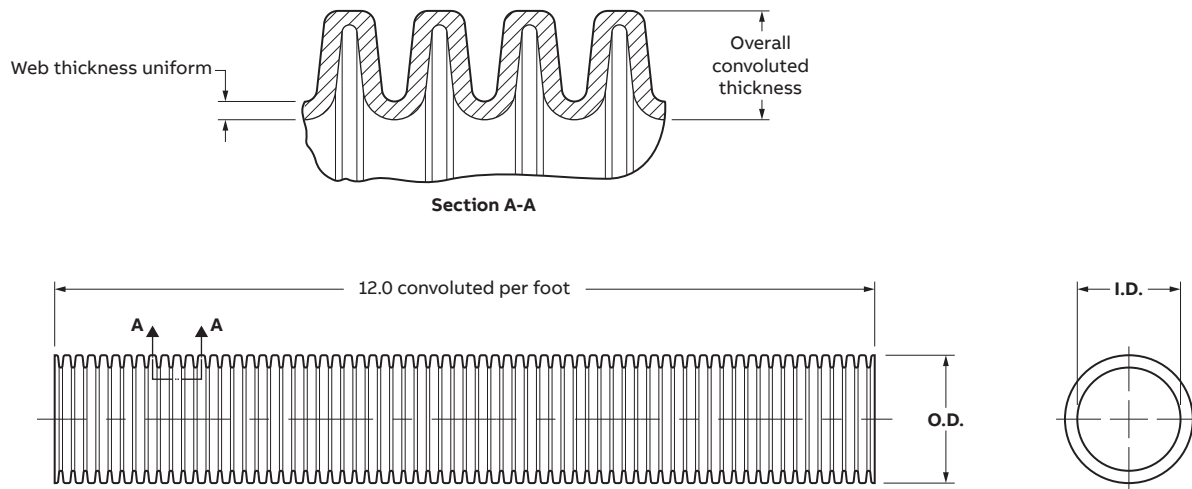
**Applications:**

- Concrete, Direct Burial
- Shallow trenches
- Under bridges
- Manhole terminations
- Pedestal/Enclosures
- Running up utility poles
- Outside of buildings
- Easily handles offsets
- Can be used with standard IPS coupling/fittings
- Can be used as a flexible sweep or raceway – one SKU can do multiple bends
- Small put-ups for easy handling
- Used with any existing conduit system using standard fittings

**Conduit, P&C Flex corrugated flexible conduit**  
Power and communication duct

Product selection and dimensions (inches)															
Part no.	Size	O.D.			O.D. ovality		I.D.	Web thickness		Overall convoluted thickness		Pull tape	Reel/Coil	Standard carton (ft.)	Standard weight (lbs.)
		Nom.	Min.	Max.	Min.	Max.		Min.	Min.	Max.	Min.				
11807-350*	¾	1.050	1.025	1.075	1.020	1.080	0.774	0.021	0.029	0.128	0.148	Empty	Coil	350	39.9
11808-5200	1	1.316	1.314	1.318	1.311	1.326	1.000	0.021	0.029	0.148	0.168	Empty	Reel	5200	1019.03
11809-900	1¼	1.662	1.659	1.663	1.654	1.682	1.340	0.021	0.029	0.151	0.171	Empty	Reel	900	243.0
11809-4500	1¼	1.662	1.659	1.663	1.654	1.682	1.340	0.021	0.029	0.151	0.171	Empty	Reel	4500	972.0
11810-250	1½	1.900	1.897	1.903	1.888	1.912	1.570	0.021	0.029	0.155	0.175	Empty	Reel	250	75.8
11810-4500	1½	1.900	1.897	1.903	1.888	1.912	1.570	0.021	0.029	0.155	0.175	Empty	Reel	4500	1080.0
11810T-2300	1½	1.900	1.897	1.903	1.888	1.912	1.570	0.021	0.029	0.155	0.175	1250 lbs.	Reel	2300	720.0
11810T-250	1½	1.900	1.897	1.903	1.888	1.912	1.570	0.021	0.029	0.155	0.175	1250 lbs.	Reel	250	78.0
11811-1100	2	2.375	2.372	2.378	2.363	2.387	2.020	0.021	0.029	0.168	0.188	Empty	Reel	1100	521.4
1811-250	2	2.375	2.372	2.378	2.363	2.387	2.020	0.021	0.029	0.168	0.188	Empty	Reel	250	87.0
11811-2500	2	2.375	2.372	2.378	2.363	2.387	2.020	0.021	0.029	0.168	0.188	Empty	Reel	2500	815.0
11811-500	2	2.375	2.372	2.378	2.363	2.387	2.020	0.021	0.029	0.168	0.188	Empty	Reel	500	201.6
11811-700	2	2.375	2.372	2.378	2.363	2.387	2.020	0.021	0.029	0.168	0.188	Empty	Reel	700	269.0
11811T-250	2	2.375	2.372	2.378	2.363	2.387	2.020	0.021	0.029	0.168	0.188	1250 lbs.	Reel	250	89.0
11812-250	2½	2.875	2.872	2.878	2.860	2.890	2.500	0.022	0.031	0.178	0.198	Empty	Reel	250	121.0
11812AG-001	2½	2.875	2.872	2.878	2.860	2.890	2.500	0.022	0.031	0.178	0.198	Empty	Reel	1300	516.1
11813-1200	3	3.498	3.492	3.504	3.485	3.515	3.000	0.035	0.045	0.239	0.259	Empty	Reel	1200	850.8
11813-250	3	3.498	3.492	3.504	3.485	3.515	3.000	0.035	0.045	0.239	0.259	Empty	Reel	250	192.0
11813-500	3	3.498	3.492	3.504	3.485	3.515	3.000	0.035	0.045	0.239	0.259	Empty	Reel	500	523.0
11813-750	3	3.498	3.492	3.504	3.485	3.515	3.000	0.035	0.045	0.239	0.259	Empty	Reel	750	554.3
11815-250	4	4.500	4.491	4.509	4.450	4.550	4.000	0.040	0.050	0.240	0.260	Empty	Reel	250	324.0
11815-800	4	4.500	4.491	4.509	4.450	4.550	4.000	0.040	0.050	0.240	0.260	Empty	Reel	800	778.4

Note: Product must be installed in accordance with applicable national and local electrical codes.  
\*Pull tape not available for ¾" conduit.



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