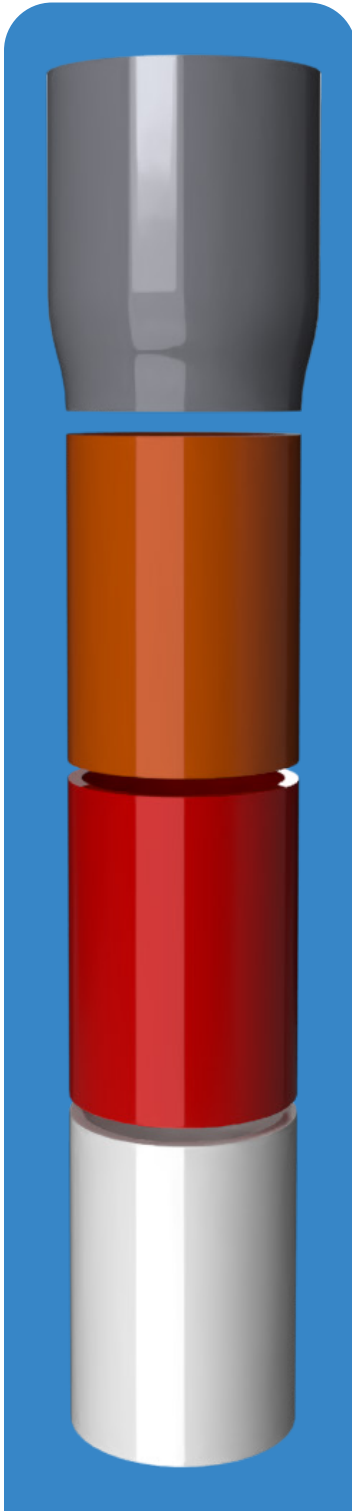




PRODUCT DESCRIPTION

Powerloc® is a high-performance PVC electrical conduit designed for direct burial or encasement in concrete or masonry. It is engineered for use in ordinary locations as defined by the Canadian Electrical Code, Part I. With a maximum continuous operating temperature of 75 °C, it features a smooth interior surface that facilitates easy cable pulling and helps prevent cable damage. It is also known for exceptional tensile and impact strength, even in cold weather conditions.

The modular design of NEXT's Powerloc allows for easy on-site adjustments to accommodate minor changes in elevation or direction.

FUNCTION

Powerloc® conduit protects electrical wiring in underground or concrete installations, ensuring safe, efficient cable routing with high durability and cold-weather performance.

RAW MATERIALS

High-impact, UV-resistant polyvinyl chloride (PVC) compound, engineered to meet CSA standards for electrical conduit applications.

COMPLIANCE STANDARDS

Certified to:

- CSA C22.2 No. 211.1

AVAILABLE ACCESSORIES

Elbows, couplings, adapters, end caps, etc

FEATURES

- Smooth interior for easy cable pulling and protection
- High impact and tensile strength even in cold weather
- 75 °C continuous operating temperature rating
- Cold-weather durability
- Resistant to physical damage
Available in various sizes and colors
- Other colors available upon request



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POWERLOC DIMENSIONS

Nominal Size		Avg. ID		Min. Wall		Avg. OD	
inches	mm	inches	mm	inches	mm	inches	mm
2	50	2.086	52.99	0.070	1.78	2.250	57.15
3	75	3.056	77.63	0.080	2.03	3.250	82.55
3-1/2	90	3.906	99.21	0.090	2.29	3.730	94.75
4	100	3.965	100.72	0.118	3.00	4.216	107.08
4-1/2	115	4.549	115.54	0.110	2.79	4.781	121.45
5	125	4.950	125.74	0.150	3.81	5.278	134.06
6	150	5.915	150.24	0.155	3.94	6.275	159.38

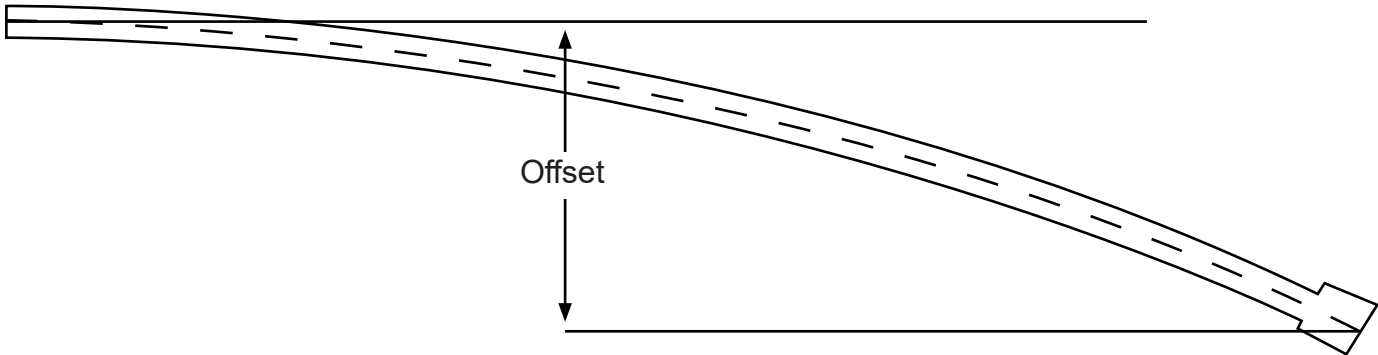
POWERLOC BUNDLE SIZES & WEIGHTS

Nominal Size		Product code	Max. Offset* (See picture below)	Length	Pipe Color	Bundle Type A	
inches	mm		inches	(ft)*	G= Gray W=White O=Orange R=Red	Pcs. / Length in ft	Weight (lbs)
2	50	113911-118	20	10	W	246 / 2460	910
2	50	113911-318	20	10	G	246 / 2460	910
2	50	113911-618	20	10	O	246 / 2460	910
2	50	113911-112	79	20	W	246 / 4920	1820
2	50	113911-312	79	20	G	246 / 4920	1820
2	50	113911-612	79	20	O	246 / 4920	1820
2	50	113911-712	79	20	R (H.-Q.)	246 / 4920	1820
3	75	113921-118	14	10	W	112 / 1120	715
3	75	113921-318	14	10	G	112 / 1120	715
3	75	113921-618	14	10	O	112 / 1120	715
3	75	113921-112	56	20	W	112 / 2240	1425
3	75	113921-312	56	20	G	112 / 2240	1425
3	75	113921-612	56	20	O	112 / 2240	1425
3	75	113921-712	56	20	R (H.-Q.)	112 / 2240	1425
3-1/2	90	113931-118	12	10	W	75 / 750	620
3-1/2	90	113931-318	12	10	G	75 / 750	620
3-1/2	90	113931-618	12	10	O	75 / 750	620
3-1/2	90	113931-112	49	20	W	75 / 1500	1235
3-1/2	90	113931-312	49	20	G	75 / 1500	1235
3-1/2	90	113931-612	49	20	O	75 / 1500	1235
3-1/2	90	113932-712	49	20	R (H.-Q.)	75 / 1500	1235
4	100	113941-118	11	10	W	63 / 630	675

Nominal Size		Product code	Max. Offset* (See picture below)	Length	Pipe Color	Bundle Type A	
inches	mm		inches	(ft)*	G= Gray W=White O=Orange R=Red	Pcs. / Length in ft	Weight (lbs)
4	100	113941-318	11	10	G	63 / 630	675
4	100	113941-618	11	10	O	63 / 630	675
4	100	113942-718	11	10	R	63 / 630	675
4	100	113941-112	43	20	W	63 / 1260	1345
4	100	113941-312	43	20	G	63 / 1260	1345
4	100	113941-612	43	20	O	63 / 1260	1345
4	100	113941-712	43	20	R	63 / 1260	1345
4	100	113942-712	43	20	R (H.-Q.)	63 / 1260	1345
4-1/2	115	113945-118	9	10	W	57 / 570	645
4-1/2	115	113945-318	9	10	G	57 / 570	645
4-1/2	115	113945-112	39	20	W	57 / 1140	1290
4-1/2	115	113945-312	39	20	G	57 / 1140	1290
4-1/2	115	113941-712	39	20	R	57 / 1140	1290
4-1/2	115	113945-712	39	20	R (H.-Q.)	57 / 1140	1290
5	125	113951-118	7	10	W	38 / 380	710
5	125	113951-318	7	10	G	38 / 380	710
5	125	113951-618	7	10	O	38 / 380	710
5	125	113951-738*	7	10	R	38 / 380	710
5	125	113951-718	7	10	R	38 / 380	710
5	125	113951-112	35	20	W	38 / 760	1415
5	125	113951-312	35	20	G	38 / 760	1415
5	125	113951-612	35	20	O	38 / 760	1415
6	150	113961-118	7	10	W	28 / 280	640
6	150	113961-318	7	10	G	28 / 280	640
6	150	113961-618	7	10	O	28 / 280	640
6	150	113961-112	29	20	W	28 / 560	1280
6	150	113961-312	29	20	G	28 / 560	1280
6	150	113961-612	29	20	O	28 / 560	1280
6	150	113961-712	29	20	R	28 / 560	1280

(H.-Q.) = Hydro-Québec

Range of offset flexibility



*Axial deflection should be avoided at connection points.
 *These values were determined for temperatures above freezing. Greater bend radii may be needed in sub-freezing conditions.
 Note: The values listed in the tables are approximate and may change without notice