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P&C Flex[®] and HDPE Innerduct Installation Guide ISPCHDPE-CAR

**This is the correct method
of installation.**



Lay conduit in the trench as straight as possible. Avoid undulations up and down and side to side.

**This is the incorrect
method of installation.**

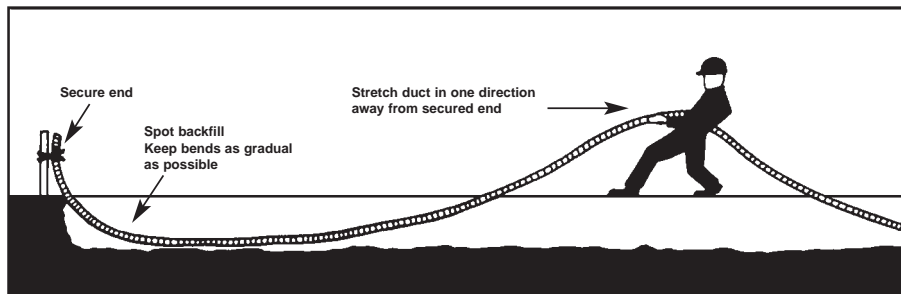


**Incorrect method
of installation**

**Correct method
of installation**

P&C Flexible Conduit & Accessories

Installation Instructions:



P&C Flexible Conduit



ROUND WOODEN REEL

Part No.	Nominal Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)	I.D.	O.D.
11810-250	1 1/2"	250 Ft.	50	1.570	1.900
11810T-250 (Tape)	1 1/2"	250 Ft.	81	1.570	1.900
11811-250	2"	250 Ft.	101	2.045	2.375
11811T-250 (Tape)	3"	250 Ft.	103	2.045	2.375




EDGE BRACE REEL



Part No.	Nominal Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)	I.D.	O.D.
11811-700	2"	700 Ft.	175	2.045	2.375
11812-250	2 1/2"	250 Ft.	126	2.469	2.875
11812AG-001	2 1/2"	1300 Ft.	510	2.469	2.875
11813-250	3"	250 Ft.	193	3.068	3.500
11815-250	4"	250 Ft.	254	4.026	4.500

DETECTABLE TAPE

Part No.	Nominal Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)	I.D.	O.D.
11810D-4500	1 1/2"	4500 Ft.	1,148	1.570	1.900
11811D-2500	2"	2500 Ft.	1,005	2.045	2.375
11813D-1200	2"	1200 Ft.	1,122	3.068	3.500

Accessories

	Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
COUPLINGS 	E940H	1 1/2"	25	4
	E940J	2"	30	5
	E940K-CAR	2 1/2"	4	2
	E940L-CAR	3"	5	3
	E940M	3 1/2"	20	13
	E940N-CAR	4"	5	4
PLUGS 	P258H	1 1/2"	50	2
	P258JT	2"	60	3
	P258K	2 1/2"	25	2
	P258LT	3"	30	3
	P258NT	4"	48	8
BELL ENDS (Schedule 40) 	E997H-CAR	1 1/2"	10	.9
	E997J-CAR	2"	10	1.2
	E997K-CAR	2 1/2"	10	1.9
	E997L-CAR	3"	10	2.1
	E997M	3 1/2"	40	10.2
	E997N	4"	30	10.7

	Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
FEMALE ADAPTERS 	E942H	1 1/2"	25	3
	E942J	2"	30	6
	E942K-CAR	2 1/2"	4	1.4
	E942L-CAR	3"	3	1.5
	E942M	3 1/2"	20	12
	E942N-CAR	4"	7	5
TERMINAL ADAPTERS 	E943H	1 1/2"	25	3
	E943J	2"	5	7
	E943K-CAR	2 1/2"	5	1.2
	E943L-CAR	3"	5	2
	E943M	3 1/2"	30	14
	E943N-CAR	4"	5	3

HDPE Innerduct & Accessories

HDPE Innerduct



How to Build a Part Number:

Product	Size	Type	Wall	Options	Splits	Color	Stripes	Tape	Length
A = HDPE	2 = 1/2"	C = Smooth/Smooth	4 = SCH 40	N = None	1 = 1 Way Single	A = Black	NN = None	A = Empty	1500 (Equals 1500 Feet)
	3 = 3/4"		5 = SCH 80	D = Lube Duct	2 = 2 Way Segmented	B = Blue	3A = Black Stripes	B = 1130 lbs. Polyester Tape	
	5 = 1"		6 = SDR 11	3 = 3 Way Segmented	C = Brown	3B = Blue Stripes	C = 1250 lbs. Polyester Tape		
	6 = 1-1/4"		9 = SDR 13.5	4 = 4 Way Segmented	D = Buff	3C = Brown Stripes	D = 1500 lbs. Polyester Tape		
	9 = 1-1/2"		13 = SDR 15.5	5 = 2 Way Parallel	E = Gray	3D = Buff Stripes	E = 1800 lbs. Polyester Tape		
	13 = 2"		14 = SDR 17	6 = 3 Way Parallel	F = Green	3E = Gray Stripes	G = 200 lbs. Polyester Tape		
	14 = 2-1/2"		16 = SDR 21	7 = 4 Way Parallel	G = Lilac	3F = Green Stripes	J = 2500 lbs. Polyester Tape		
	15 = 3"		22 = SDR 7	12 = 2 Way Compartment	H = Lt. Green	3G = Lilac Stripes	K = 400 lbs. Detect. Polyester Tape		
	16 = 4"		24 = SDR 9	13 = 3 Way Compartment	J = Orange	3H = Lt. Green Stripes	T = 1250 lbs. Poly Metric Tape		
	17 = 4.75"		26 = SIDR 11.5	14 = 4 Way Compartment	K = Red	3J = Orange Stripes	V = 1250 lbs. Detectable 22G Poly Tape		
	18 = 5"		27 = SIDR 11.5 True		L = Terra Cotta	3K = Red Stripes			
	22 = 6"		29 = SIDR 15		M = White	3L = Terra Cotta Stripes			
	23 = 7"		34 = SIDR 7		N = Yellow	3M = White Stripes			
	24 = 8"		36 = SIDR 9			3N = Yellow Stripes			
	25 = 10"		37 = SIDR 9 True						
	26 = 12"		42 = TC-7A						
	27 = 14"		45 = True 11						
	28 = 16"		46 = True 9						

Accessories

END CAPS



Part Number	Size	Innerduct OD
EC1.315	1"	1.19" – 1.242"
EC1.488	1-1/4"	1.546"
EC1.488	1-1/4"	1.488"
EC1.660	1-1/4"	1.660"
EC1.900	1-1/2"	1.890"
EC2.375	2"	2.348"

UNIVERSAL ALUMINUM COUPLINGS



P75	3/4"	.91 – 1.08"
P100	1"	1.242"
P125	1-1/4"	1.44" – 1.68"
P150CPLR	1-1/2"	1.8" – 2.02"
P200	2"	2.31" – 2.48"
P300	3"	3.495" – 3.505"
P400	4"	4.41" – 4.65"

BARBED COUPLINGS



BS1.315	1" SDR	1.315"
BS1.194	1" True 11	1.194"
BS1.488	1 1/4" True 11	1.488"
BS1.660	1 1/4" SDR	1.660"
BS1.900	1 1/2" SDR	1.900"
BS2.375	2" SDR	2.375"

INTERNAL COUPLINGS



Part Number	Size	I.D. Range
PIC100	1"	1.05"
PIC125	1-1/4"	1.25"

Accessories

DOUBLE "E-LOC" COUPLERS



Part Number	Size	Innerduct OD
DEL131	1"	1.315"
DEL150	1-1/4" True	1.500"
DEL154	1-1/4"	1.540"
DEL166	1-1/4"	1.660"
DEL190	1-1/2"	1.900"
DEL237	2"	2.375"
DEL150-154	1-1/4"	1.500" – 1.540"
DEL 154-166	1-1/4"	1.500" – 1.660"
DEL 150-166	1-1/4"	1.540" – 1.660"

"E-LOC" COUPLERS



EL1.050	3/4"	1.050"
EL1.315	1"	1.315"
EL1.660	1-1/4"	1.660"
EL1.900	1-1/2"	1.900"
EL2.375	2"	2.375"
EL2.875	2-1/2"	2.875"
EL3.500	3"	3.500"
EL4.500	4"	4.500"
EL5.563	5"	5.563"
EL6.000	6"	6.625"

TUFF-LINK COUPLERS



TFL100	1"	1.299"
TFL125	1-1/4"	1.660
TFL150	1-1/2"	1.900
TFL200	2"	2.375