

DROSSBACH

CONDUIT

DROSSBACH CONDUIT is a standard convoluted tubing designed for wire harness protection. It is suited for harsh environments to protect against any mechanical risks such as abrasion or compression. It is proposed in various materials, including materials formulated with UL certified flame retardant or UV resistant compounds. This tube can be delivered slit or non-slit.



PRODUCT FAMILY: Standard Convoluted Tubing



CONSTRUCTION: Extruded solution, available slit or non-slit

MATERIALS: polyethylene, polypropylene, polyamide



STANDARD COLORS: Black (PE, AP, ND, NU), Gray (VE), Yellow (V0)

Other colors upon request



TEMPERATURE OF USE: -40/125°C (-40/257°F)

(depending on material grade)



TYPICAL APPLICATIONS:

- Equipment & Heavy Truck
- Recreational & Marine vehicles
- Farm/Agriculture



PHYSICAL PROPERTIES

Physical properties	Spec	Std PE (PE)	FRPE (V2) (VE)	FRPE (V0) (V0)	FRPP (AP)	Std Nylon (ND)	Anti-UV Nylon (NU)
Long term aging (3000h)	-	85°C	85°C	85°C	105°C	125°C	125°C
Short term aging	-	93°C (168h)	93°C (168h)	93°C (168h)	135°C (168h)	150°C (168h)	150°C (168h)
Density (g/cm3)	ISO 1183	0.92	1.01	1.02	0.93	1.06	1.07
Flammability (mm/min)	FMVSS 302	-	self-ext.	self-ext.	self-ext.	< 100	< 100
	UL 94	-	V2	V0	equivalent to V2*	equivalent to HB*	equivalent to HB*
	-	-	-	-	-	-	-
UV resistance	SAE J1960/J2527	-	-	-	-	-	min. 3000h (3 years equiv.)
Chemical resistance	Resists the majority of chemicals and automotive fluids						

*not UL certified

DIMENSIONS

Nominal Ø		ID (ØA) min.		ID (ØA) max.		OD (ØB) min.		OD (ØB) max.		Wall thickness	
(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)
1/4"	6	0.237	6.02	0.266	6.76	0.372	9.45	0.400	10.16	0.004	0.11
1/4"	7	0.256	6.50	0.276	7.01	0.373	9.47	0.398	10.11	0.004	0.11
3/8"	9	0.341	8.66	0.380	9.65	0.496	12.59	0.526	13.36	0.005	0.12
3/8"	9	0.368	9.35	0.398	10.11	0.494	12.56	0.524	13.32	0.005	0.12
7/16"	10	0.399	10.13	0.437	11.10	0.569	14.46	0.597	15.16	0.005	0.12
1/2"	13	0.471	11.97	0.515	13.07	0.645	16.39	0.681	17.31	0.005	0.12
1/2"	13	0.473	12.01	0.516	13.11	0.664	16.87	0.700	17.78	0.005	0.12
5/8"	16	0.595	15.11	0.633	16.08	0.732	18.59	0.770	19.56	0.005	0.12
5/8"	16	0.603	15.32	0.639	16.23	0.802	20.36	0.837	21.26	0.005	0.12
5/8"	17	0.646	16.40	0.654	16.60	0.846	21.50	0.866	22.00	0.009	0.22
5/8"	17	0.640	16.25	0.675	17.15	0.804	20.42	0.839	21.32	0.005	0.12
5/8"	18	0.659	16.73	0.699	17.75	0.854	21.69	0.889	22.59	0.005	0.12
3/4"	19	0.707	17.96	0.759	19.28	0.950	24.13	0.989	25.12	0.005	0.12
3/4"	19	0.747	18.97	0.782	19.86	0.909	23.10	0.939	23.86	0.005	0.12
7/8"	22	0.848	21.54	0.898	22.81	1.107	28.12	1.151	29.24	0.005	0.13
1"	23	0.897	22.78	0.949	24.10	1.077	27.36	1.109	28.17	0.006	0.15
1"	25	1.020	25.91	1.069	27.16	1.251	31.78	1.304	33.13	0.006	0.15
1 1/8"	29	1.122	28.50	1.176	29.86	1.361	34.58	1.413	35.88	0.006	0.15
1 1/4"	30	1.199	30.45	1.257	31.93	1.446	36.73	1.500	38.10	0.006	0.15
1 1/2"	40	1.566	39.78	1.647	41.83	1.867	47.42	1.947	49.45	0.006	0.15
2"	51	1.969	50.01	2.038	51.77	2.285	58.04	2.388	60.66	0.011	0.28
2 1/2"	64	2.447	62.15	2.516	63.90	2.771	70.39	2.874	73.01	0.011	0.28
3 1/2"	89	3.481	88.41	3.559	90.41	3.819	97.00	3.937	100.00	0.011	0.28

PACKAGING

Gaylord (44"x44"x45")
Box (21"x21"x23")
Cut to length upon request

