



Product Specifications

Material Type	Code	Tech Data Sheet	Delphi (Packard)	Ford	General Motors	Chrysler	ASTM	Flame Rating For Material
Polyethylene	DE	TD-013						
	HE	TD-015						
	KE	TD-018	M-2092					
	ME	TD-017						
	PE	TD-013						
	FE	TD-003						DR-006
	VE	TD-019						UL-94 V2
	★★	V0	TD-014					UL-94 V0
	SE	TD-002		ESB-M4D152-A				
Nylon	NC	TD-004				MS-DB41		
	ND	TD-005						
	NF	TD-007		WSS-M4D933-A1			D4066PA283	
	NP	TD-008	M-2170		GMP.PA6.003 GM 7001-M-PA6	MS-DB41 CPN-2785	D4066PA260	UL-94 HB
Polypropylene	PP	TD-009						
	RP	TD-011	M-2262-001			MS-DB532-B CPN-2796		
	FP	TD-010						UL-94 V2
Polyester	PT	TD-001	M-2373					

★ The asterisk designates preliminary dimensions of a new or modified product. These values are set from initial statistical studies and will be verified after further production runs are completed.

★★ The "VO" is a non-Halogenated product

Note: All "UL" flame ratings are for the resin used to manufacture our product, not on our product. All "UL" ratings are created by testing a standard "UL" plaque specimen, not tubing samples.

Product Dimensions

Nominal ID Diameter	Dia. Code	Units	Dimension "A" I.D.		Dimension "B" O.D.		Dimension "C" Wall Thickness Min.
			Min.	Max.	Min.	Max.	
1/4" (6mm)	014	mm Inches	6.02 0.237	6.76 0.266	9.45 0.372	10.16 0.400	0.11 0.004
1/4" (7mm)	07L	mm Inches	6.50 0.256	7.01 0.276	9.47 0.373	10.11 0.398	0.11 0.004
3/8" (9mm)	038	mm Inches	8.66 0.341	9.65 0.380	12.59 0.496	13.36 0.526	0.12 0.005
3/8" (9mm)	09L	mm Inches	9.35 0.368	10.11 0.398	12.56 0.494	13.32 0.525	0.12 0.005
7/16" (10mm)	716	mm Inches	10.13 0.399	11.10 0.437	14.46 0.569	15.16 0.597	0.12 0.005
1/2" (13mm)	13L	mm Inches	11.97 0.471	13.07 0.515	16.39 0.645	17.31 0.681	0.12 0.005
1/2" (13mm)	012	mm Inches	12.01 0.473	13.11 0.516	16.87 0.664	17.78 0.700	0.12 0.005
5/8" (16mm)	16L	mm Inches	15.11 0.595	16.08 0.633	18.59 0.732	19.56 0.770	0.12 0.005
5/8" (16mm)	058	mm Inches	15.32 0.603	16.23 0.639	20.36 0.802	21.26 0.837	0.12 0.005
3/4" (19mm)	034	mm Inches	17.96 0.707	19.28 0.759	24.13 0.950	25.12 0.989	0.12 0.005
3/4" (19mm)	19L	mm Inches	18.97 0.747	19.86 0.782	23.10 0.909	23.86 0.939	0.12 0.005
7/8" (22mm)	078	mm Inches	21.54 0.848	22.81 0.898	28.12 1.107	29.24 1.151	0.13 0.005
1" (23 mm)	23L	mm Inches	22.78 0.897	24.10 0.949	27.36 1.077	28.17 1.109	0.15 0.006
1" (25 mm)	25L	mm Inches	25.20 0.992	26.52 1.044	31.66 1.246	32.88 1.294	0.15 0.006
1" (25 mm)	100	mm Inches	25.91 1.020	27.16 1.069	31.78 1.251	33.13 1.304	0.15 0.006
1 1/8" (29 mm)	118	mm Inches	28.50 1.122	29.86 1.176	34.58 1.356	35.88 1.413	0.15 0.006
1 1/4" (30 mm)	114	mm Inches	30.45 1.199	31.93 1.257	36.73 1.446	38.10 1.500	0.15 0.006
1 1/2" (40 mm)	112	mm Inches	39.78 1.566	41.83 1.647	47.42 1.867	49.45 1.947	0.15 0.006
2" (51 mm)	200	mm Inches	50.01 1.969	51.77 2.038	58.04 2.285	60.66 2.388	0.28 0.011
2 1/2" (64 mm)	212	mm Inches	62.15 2.447	63.90 2.516	70.39 2.771	73.01 2.874	0.28 0.011
3 1/2" (89 mm)	312	mm Inches	88.41 3.481	90.41 3.559	97.00 3.819	100.00 3.937	0.28 0.011

Dimension "D" Cut-To-Length Specifications

Less Than or Equal to 400mm +/- 10mm	Greater Than 400mm +/- 2.5% of Target Length
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Note: (1) Product tolerances are general and are designed to encompass all available materials. Tighter tolerances may be available for a specific material.
 (2) Product with an I.D. > 1.5" will not meet the std. cut length tolerances listed above. Special cut length tolerance will be given on a case to case base.

Drossbach N.A. Inc.		Convuluted Tubing			
MATERIALS: N/A		FINISH: N/A			
SCALE: N/A		Tol.:	.XX .XXX	--- ---	ANGLES +/-
ENGINEERING APPROVAL: <i>Bill Rivers</i>		QUALITY APPROVAL: <i>Neil Coleman</i>		DATE: 03/05/07	

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