



**Product Specifications**

Material & Code	Tech. Data Sheet	Delphi (Packard)	Ford	General Motors	Chrysler	ASTM	Flame Rating	UV Inhibitor	Resistance		Flexibility
									Chemical	Abrasion	
<b>Polyethylene - Operating Temperature -40 to +93C (-40 to +200F)</b>											
PE	TD-013							No	Good	Good	Excellent
<b>Nylon - Operating Temperature -40 to +149C (-40 to +300F)</b>											
ND	TD-005		WSS-M4D933-A1 ES-XU5T-14A099-AA		MS-DB41 CPN 4059	D4066PA283	FMVSS 302	No	Good	Good	Good
NP	TD-008	M-2170		GMP.PA6.003 GM 7001-M-PA6	MS-DB41 CPN-2785	D4066PA260	UL-94 HB FMVSS 302	No	Excellent	Excellent	Excellent

- Note:**
- \* All Drossbach's products are compliant with the **European Union's Directive 2002/95/EU (RoHS) and REACH Regulation**.
  - \* The **ES-XU5T-14A099-AA** is a Ford performance spec. Our product manufactured from "NF" has this performance approval.
  - \* Drossbach **IMDS submissions** are available for all products upon request.
  - \* All "UL" and FMVSS 302 flame ratings are for the resin used to manufacture our product, not for our end product. The ratings are created by testing standard "UL" plaque specimens, 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.	
1/2" (13mm)	012	mm Inches	12.01 0.473	13.11 0.516	16.87 0.664	17.78 0.700	0.12 0.005
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
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 1/4" (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

**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:** (A) Product tolerances are general and are designed to encompass all available materials. Tighter tolerances may be available for a specific material.
- (B) Product with an I.D. > 1.0" will not meet the std. cut length tolerances listed above. Special cut length tolerance will be given on a case to case basis.

\* Drossbach **IMDS submissions** are available for all products upon request.  
All dimensions are in both Imperial and Metric. Do Not Scale Drawing.

 ISO/TS 16949 & ISO 9001:2000 registered		<b>Slotted Convoluted Tubing</b>			
<b>MATERIALS:</b> N/A		<b>FINISH:</b> N/A			
<b>SCALE:</b> N/A	Interpret Geometric Tolerances per:	N/A	<b>Tol.:</b> .XX ---	.XXX ---	<b>ANGLES</b> +/-
<b>APPROVAL:</b> Janet Mann		<b>APPROVAL:</b> Neil Coleman		<b>DATE:</b> 09/05/14	

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