Drossbach Technical Data Sheet For Flexible Convoluted Tubing / Conduit								
Drossbach	N	TD-001 "PT" Polyester						
		Revision: Base Material:	4	Date: Polyester	15-Aug-17			
		Material Code:		-	PT			
Our commitment to qu	iality i	s our commitme	ent to su	iccess				

Product Description

Flexible convoluted tubing / conduit manufactured from a polyester-ester copolymer resin.

Performance Enhancers					
Flame Retardant	Na	1			
UV Inhibitor	No				
Heat Stabilizer	No				
Performance Characteristics					
Flexibility	Excellent				
Abrasion Resistance	Good				
Chemical Resistance	Goo	d <u>See Chemi</u>	ical Resistance Report: CR-001		
Continuous Operating Temperature	-40 to +150C (-40 to +302F) Min. 3000 Hrs.				
Short Term" Operating temperatures	-40 to +170C (-40 to +320F) Max. 168 Hrs				
Typical Physical Properties	Test Method	Value	Units		
Specific Gravity/Density	ISO 1183	1.27	-		
Elongation @ Break	ISO 527	>320	%		
Elongation @ Yield	-	-	-		
Tensile Strength @ 25C	ISO 527	30	MPa		
2% Secant Modulus	-	-	-		
Flexural Modulus	ISO 178	345	MPa		
Melting Point	ISO 3146	482 (250)	°F (°C)		
Notched Izod Impact Test	ISO 180-1A	NB	-		
Heat Deflection Temperature @66psi	ISO 75	>122(>50)	°F (°C)		
Heat Deflection Temperature @264psi	-	-	-		
Material Certifications					
Delphi / Packard	M-2373				
Ford	-				
General Motors	-				
Chrysler	-				
ASTM	-				
Underwriters Laboratory	-				
FMVSS 302	-				
Other -					

Notes

(1) Drossbach does not claim or state any UV life or warranty unless stated above in the "Other" section", as we do not have any control over its end use environment.

(2) 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" and "FMVSS" plaque specimens, not tubing samples.

(3) Compliant with the European Union's Directive 2002/95/EU (RoHS), REACH Directive and the Conflict Minerals Initiative.

(4) Only product designated as <u>UL 94 "V0"</u> in the Material Certification section above can be certifield as <u>non-Halogenated product</u>.
(5) If a product is designated as flame retardant but has no material certification listed, this product is a Drossbach internally blended

material blended with a flame retardant additive. It is tested to an internal flame test (DR-006) that holds no claimed warranty.

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