

Drossbach Technical Data Sheet For Flexible Convuluted Tubing / Conduit



Data Sheet	TD-004 "V0" Flame Retardant Polypropylene		
Revision:	2	Date:	15-Aug-17
Base Material:	Flame Retardant "V0 PP"		
Material Code:			P0

Our commitment to quality is our commitment to success

Product Description

Flexible convuluted tubing / conduit manufactured from a flame retardant polypropylene resin that meets the test requirements of V0 according to UL-94 (not UL certified).

Performance Enhancers

Flame Retardant	Yes
UV Inhibitor	No
Heat Stabilizer	Yes

Performance Characteristics

Flexibility	Good
Abrasion Resistance	Good
Chemical Resistance	Good See Chemical Resistance Report: -
Continuous Operating Temperature	-40 to +125C (-40 to +257F) Min. 3000 Hrs.
Short Term" Operating temperatures	-40 to +135C (-40 to +275F) Max. 168 Hrs

Typical Physical Properties	Test Method	Value	Units
Specific Gravity/Density	ISO 1183	1.05	-
Elongation @ Break	ISO 527	170	%
Elongation @ Yield	-	-	-
Tensile Strength @ 25C	ISO 527	29 Min.	MPa
2% Secant Modulus	-	-	-
Flexural Modulus	ISO 178	1170	MPa
Melting Point	-	-	-
Notched Izod Impact Test	ISO 180/1A	15	KJ/m2
Heat Deflection Temperature @66psi	-	-	-
Heat Deflection Temperature @264psi	ISO 75	45 @1.80 MPA	C

Material Certifications

Delphi / Packard	-
Ford	-
General Motors	-
Chrysler	-
ASTM	-
Underwriters Laboratory	Meets the test requirements of UL-94 V0 @ 0.4 mm (Not UL certified)
FMVSS 302	Max. Burn rate of 101.2mm / min. (1.0 mm thick) Self-extinguishing
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 **UL 94 "V0"** in the Material Certification section above can be certified as **non-Halogenated product**.
- (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.



Drossbach N.A. Inc.
 PO Box 2000
 157 N. Murray St.
 Trenton, Ontario Canada
 K8V 6G7
 Phone: (613) 394-4817 Fax: (613) 394-5516

Web Site Address: <http://www.drossbach.com>

Email: info@drossbachllc.com

An ISO/TS 16949 and ISO-9001

Registered Company



Drossbach LLC
 1500 Commerce Drive
 Stow, OH, 44224 USA
 Phone: (330) 688-8460
 Toll Free: (800) 841-5804
 Fax: (330) 688-8465