

Drossbach Technical Data Sheet For Flexible Convuluted Tubing / Conduit



Data Sheet:	TD-022	▼
Revision:	-	
Date:	9-Sep-10	
Base Material:	Nylon	
Material Code:	NN	

Our commitment to quality is our commitment to success

Product Description

Flexible convuluted tubing / conduit manufactured from a nylon 6 co-polymer resin.

Performance Enhancers

Flame Retardant	Yes
UV Inhibitor	SAE J1885 Delta E <3.0
Heat Stabilizer	Yes

Performance Characteristics

Flexibility	Good
Abrasion Resistance	Excellent
Chemical Resistance	Good
Recommended Operating Upper Temperature	+300°F (149°C)
Recommended Operating Lower Temperature	-40°F (-40°C)

Typical Physical Properties	Test Method	Value	Units
Specific Gravity/Density	ISO 1183	1.17	-
Elongation @ Break	-	-	-
Elongation @ Yield	-	-	-
Tensile Strength @ 25C	ISO 527	33	MPa
2% Secant Modulus	-	-	-
Flexural Modulus	ISO 178	1440	MPa
Melting Point	-	-	-
Notched Izod Impact Test	ISO 180/1A:1993	75	KJ/m2
Heat Deflection Temperature @66psi	-	-	-
Heat Deflection Temperature @264psi	ISO 75:1993	57°C@ 1.80MPa	°C

Material Certifications

Delphi / Packard	-
Ford	-
General Motors	-
Chrysler	-
ASTM	-
Underwriters Laboratory	UL 94 V-1
FMVSS 302	12mm / min. (1.0 mm thick) Self-extinguishing

Notes

- (1) Drossbach does not claim or state any UV life or warranty for product manufactured with a "UV inhibitor" additive 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) All Drossbach's products are compliant with the European Union's Directive 2002/95/EU (RoHS) and the REACH Directive.
- (4) Product designated as a UL 94 "V0" product is a 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