

Drossbach Technical Data Sheet For Flexible Convoluted Tubing / Conduit



Data Sheet:	TD-005"ND"Nylon
Revision:	8
Date:	1-Sep-09
Base Material:	Nylon
Material Code:	ND

Our commitment to quality is our commitment to success

Product Description

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

Performance Enhancers

Flame Retardant	No
UV Inhibitor	No
Heat Stabilizer	No

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-A	1.09	-
Elongation @ Break	-	-	-
Elongation @ Yield	-	-	-
Tensile Strength @ 25C	ASTM D638	40	MPa
2% Secant Modulus	-	-	-
Flexural Modulus	ASTM D790	1.08	GPa
Melting Point	ISO 3146-C	428 (220)	°F (°C)
Notched Izod Impact Test	ASTM D256	210	J/m2
Heat Deflection Temperature @66psi	-	-	-
Heat Deflection Temperature @264psi	-	-	-

Material Certifications

Delphi / Packard	-
Ford	-
General Motors	-
Chrysler	-
ASTM	-
Underwriters Laboratory	-
FMVSS 302	-

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) 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