



ELECTRICAL
MECHANICAL
INSULATION

CSNUSA



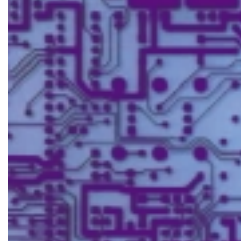
FLAME
RETARDANT



2:1
STANDARD
SHRINK RATIO

Thin Wall Diesel
Resistant Elastomeric Tubing

DERAY
V25TW



DERAY V25TW

Very Flexible, Thin Wall, Diesel Resistant, Elastomeric Heat Shrink Tubing, especially suited for protecting cables, wiring harnesses and brake lines in transportation industry applications where resistance to oil, diesel and hydraulic fluids is critical and light weight, flexibility are essential

Features

- Very flexible
- Thin wall
- Long term resistance to diesel, oil, hydraulic fluids and chemicals
- Flame retardant
- High abrasion and cut through resistance
- Approved to VG 95343, Part 5, Type D, MIL-DTL-23053/16*
- Continuous operating temperature: -75°C to 150°C
- Shrink temperature: 130°C



Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, IEC811-1-1	1700 psi (12 MPa)
Elongation	ASTM D2671, IEC811-1-1	350%
Longitudinal Change	ASTM D2671	10% max
2% Secant Modulus	ASTM D2671	5000 psi (35 MPa)
Specific Gravity	ASTM D792	1.5
Elongation after Heat Aging (168 hrs at 160°C)	ASTM D2671, IEC811-1-1	200%
Heat Shock (4 hrs at 215°C)	ASTM D2671, IEC811-1-2	No cracking or flowing
Low Temperature Flexibility (4 hrs at -75°C)	ASTM D2671	No cracking or splitting
Flammability	ASTM D2671	Flame Retardant

Electrical

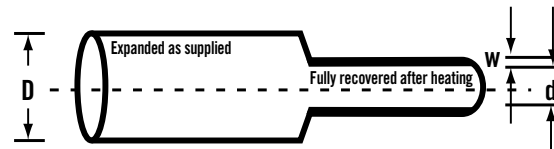
Dielectric Strength	ASTM D2671, VDE 0303	(200V/Mil) 8kV/mm
Volume Resistivity	ASTM D2671, VDE 0303	10 ¹¹ ohm-cm

Chemical

Fluid Resistance	MIL-DTL-23053/16 VG 95343 Part 5, Type D	Very Good
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570, VDE 0472	3.5% max
Fungus Resistance	ISO 846	Very Good

Dimensions

ORDER REF. NO. METRIC		EXPANDED		RECOVERED				STANDARD LENGTH	
		INTERNAL DIAMETER (MIN)		INTERNAL DIAMETER (MAX)		WALL THICKNESS (NOM) (MIN)			
XXXX	YYYY	mm	D IN	mm	d IN	mm	w IN	AA m	BB FT
0024	0093	2.4	3/32	1.2	3/64	0.55	.0216	400	1312
0032	0125	3.2	1/8	1.6	1/16	0.55	.0216	400	1312
0048	0183	4.8	3/16	2.4	3/32	0.55	.0216	300	984
0064	0250	6.4	1/4	3.2	1/8	0.65	.0255	300	984
0095	0375	9.5	3/8	4.8	3/16	0.65	.0255	150	492
0127	0500	12.7	1/2	6.4	1/4	0.65	.0255	100	328
0190	0750	19.0	3/4	9.5	3/8	0.85	.0334	50	164
0254	1000	25.4	1	12.7	1/2	0.95	.0374	50	164
0318	1200	31.8	1 1/4	15.9	3/4	1.05	.0413	30	98
0381	1500	38.0	1 1/2	19.0	1	1.05	.0413	30	98



Ordering

Select a dimension which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified.

To Order in Metric Units:

DERAY V25TW - ^{Order Ref. No.}XXXX - ^{Color}CC - ^{Options}OO - ^{Standard Length}AA - M

To Order in Imperial Units:

DERAY V25TW - ^{Order Ref. No.}YYYY - ^{Color}CC - ^{Options}OO - ^{Standard Length}BB - I

Standard Colors (CC)

Order Code	Color
BK	BLACK

* For additional colors please see price list.

Options (OO)

Unprinted	00
Printed	01

Lengths: Supplied on continuous reels.

Standards: VG 95343, Part 5 Type D*,
*Meets material requirements of MIL-DTL-23053/16.

Note: Non-standard colors, sizes and lengths available subject to factory quotation.

CANUSA

There's no end to what we cover

CANUSA is a global company providing electrical and mechanical insulation solutions for a variety of industries and applications. Starting from products created by extensive developmental research at Shaw Industries (incorporated 1955), CANUSA is a recognized world leader in the provisioning of high quality heat shrink products.

EUROPE

CANUSA SYSTEMS LIMITED

Bergstrand House

Broadley Industrial Park

Roborough, Plymouth, U.K. PL6 7EZ

Tel: 44 (0) 1752-209880

Fax: 44 (0) 1752-209850

U.S.A.

CANUSA

P.O. Box 498830

Cincinnati, Ohio 45249

Tel: 1-800-422-6872

Tel: (513) 683-7800

Fax: (513) 683-7809

CANADA/INTERNATIONAL

CANUSA

25 Bethridge Road

Toronto, Ontario M9W 1M7

Tel: 1-800-845-6808

Tel: (416) 743-7111

Fax: (416) 743-7199

WORLDWIDE WEB: www.canusa-emi.com

All information contained in this leaflet is believed to be reliable. We advise however that customers should separately evaluate the suitability of our products for their particular application. CANUSA and Shaw Industries give no guarantees in respect of the accuracy or sufficiency of the information presented and disclaim any liability regarding its use. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. In no instance will we be liable for any eventual, indirect, or consequential damage or damages arising from the sale, resale, transfer, use or misuse of the product.