

# DERAY<sup>®</sup> VT 220

INSULATE  
SEAL  
PROTECT

2:1  
SHRINK RATIO



## THIN WALL FLUROELASTOMER

THIN WALL VITON<sup>®</sup> FLUROELASTOMER HEAT SHRINK TUBING SUITABLE FOR USE IN ELECTRONIC SYSTEMS AND COMPONENTS IN AUTOMOTIVE, MILITARY/AEROSPACE AND INDUSTRIAL APPLICATIONS REQUIRING OUTSTANDING HEAT AND FLUID RESISTANCE

## FEATURES AND BENEFITS

- 2:1 shrink ratio
- Highly abrasion resistant
- High withstand to corrosive fluids in extreme temperatures
- Flame retardant
- Very flexible
- Easily hot stamped
- Continuous operating temperature: -55°C to 220°C
- Shrink temperature: 175°C

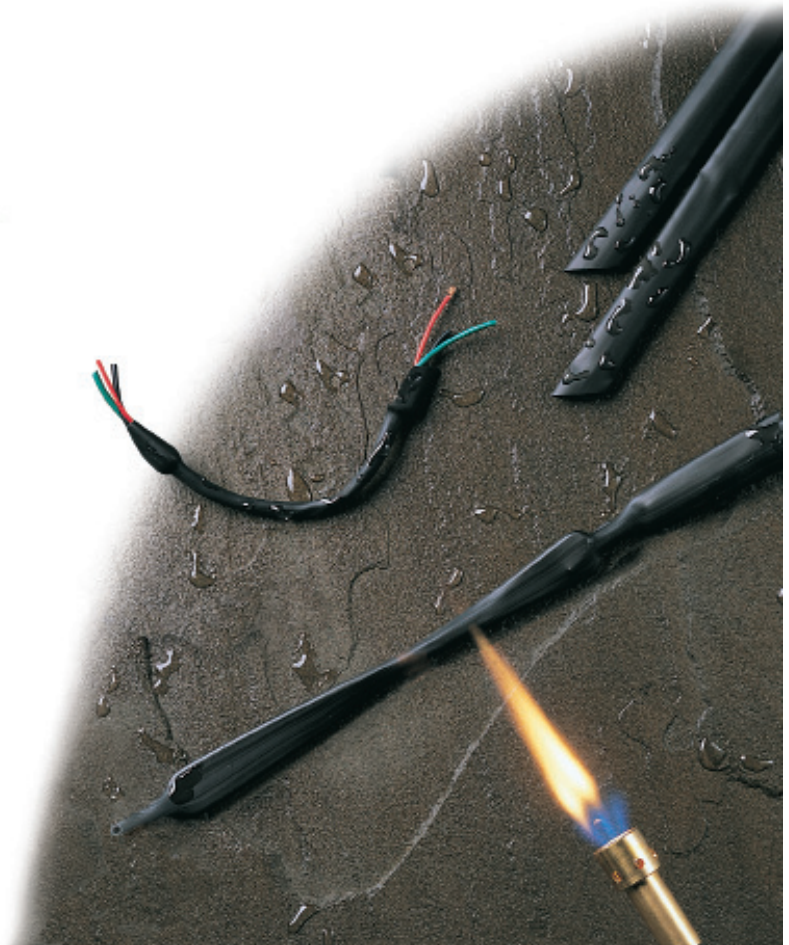
## STANDARDS

- SAE-AMS-DTL-23053/13
- MIL-R-46846 Type 3 Class 1
- VG 95343 Part 05 Type E
- DEF STAN 59-97 Issue 3 Code 4a
- VDE PAN 6480 No. MP421

## TYPICAL APPLICATIONS

- Bundling and strain relief of wire harnesses in high temperature applications

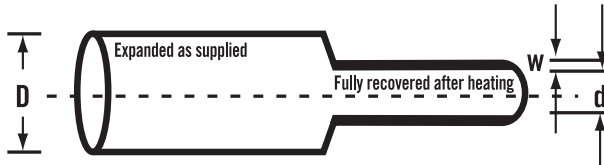
<sup>®</sup>Viton is a registered trademark of E.I. du Pont de Nemours and Co. Inc.



### DIMENSIONS

ORDER NUMBER	EXPANDED		RECOVERED				LENGTHS	
	INTERNAL DIAMETER (MIN) D		INTERNAL DIAMETER (MAX) d		WALL THICKNESS (NOM) W			
	MM	IN	MM	IN	MM	IN	M	FT
<b>Standard Wall Thickness</b>								
0125	3.2	0.125	1.6	0.063	0.8	0.031	50	164
0187	4.8	0.188	2.4	0.094	0.9	0.035	50	164
0250	6.4	0.25	3.2	0.126	0.9	0.035	50	164
0375	9.5	0.375	4.8	0.189	0.9	0.035	50	164
0500	12.7	0.5	6.4	0.252	0.9	0.035	30	98
0750	19.0	0.75	9.5	0.374	1.1	0.042	30	98
1000	25.4	1	12.7	0.500	1.2	0.049	30	98
1500	38	1.5	19.0	0.748	1.4	0.055	15	49
2000	52	2	25.4	1.000	1.6	0.065	15	49
<b>Heavy Wall Thickness</b>								
0500	12.7	0.5	6.4	0.252	1.2*	0.047	30	98
0750	19.0	0.75	9.5	0.374	1.4*	0.055	30	98
1000	25.4	1	12.7	0.500	1.8*	0.071	30	98
1500	38	1.5	19.0	0.748	2.4*	0.094	15	49
2000	52	2	25.4	1.000	2.8*	0.110	15	49

\*Meets the material performance of MIL Spec only



### 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.
- Select options:
  - Colour: Black (BK)
  - Printing: Printed or Unprinted
- Please specify the product name, order reference number and options you require
- Order Example: DERAY<sup>®</sup> VT220, 0125, black, unprinted 164 ft lengths

Please contact your Customer Service Representative for information on custom colours, sizes, lengths and material data sheet.

All information contained in this data sheet is believed to be reliable. We advise, however, that customers should separately evaluate the suitability of our products for their particular application. DSG-Canada and ShawCor 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.