

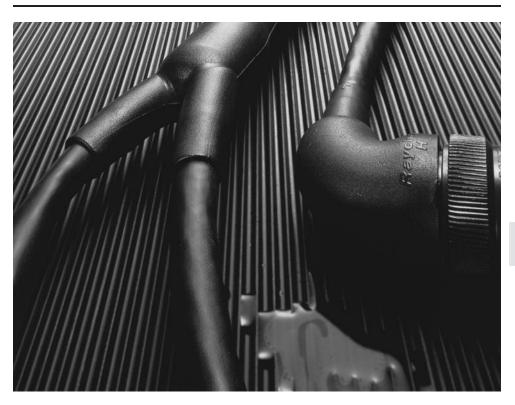
Materials

-25

Fluid-Resistant Modified Elastomer

Product Facts

- Heat-shrinkable, semi-rigid, chemical- and abrasionresistant molded shapes
- Excellent resistance to hightemperature fluids
- Resistance to long-term exposure at elevated temperatures



Applications

TE heat-shrinkable molded parts in -25 material are designed to be used in conjunction with other System 25 components such as DR-25 tubing and S1125 adhesive, providing a complete cable harness system capability.

-25 parts have been specifically formulated and designed to provide optimum high-temperature fluid resistance and longterm heat resistance. This unique balance of properties makes -25 parts particularly suitable for sealing and strain relief at connector-cable terminations and cable-tocable transitions on military vehicle cables and harnesses. Available in a wide range of configurations, -25 parts will operate from -75°C to 150°C [-103°F to 302°F] for long periods. The standard color is black.

Installation

-25 molded parts will shrink on the application of heat above 135°C [275°F].

Recommended installation temperature: 175°C [347°F]

-75°C to 150°C [-103°F to 302°F]

Operating Temperature Range

	Available in:	Americas	Europe	Asia Pacific	
			•		
					4-31
Dimensions are reference purpo	oses only.	Dimensions are in millimeters unless otherwise specified.	Canada: +1 (905) 475-6222 Mexico/C. Am.: +52 (0) 55-1106-0800	UK: +44 (0) 800-267666 France: +33 (0) 1-3420-8686	

Catalog 1654025 Revised 5-12

refer Specifications subject to change.

1 (000) 500 0750 USA:

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Latin/S. Am.: +54 (0) 11-4733-2200) 6251-133-1999

Netherlands: +31 (0) 73-6246-999

China: +86 (0) 400-820-6015

www.te.com



Materials

-25 (Continued)

Specifications/Approvals

Military	TE
VG95343 Parts 6, 7, 8 and 9 (Europe)	RW-2070
Def Stan 59-97, Issue 3, Type DE (Europe)	—
BSG-198-5-DE-P	—
SAE-AS85049/ 140, 141, 142 (material designator H)	_

Product Characteristics

		Specification Requirements	Test Method
	Tensile strength	15 MPa (min.)	ASTM D 412
Physical	Ultimate elongation	350% (min.)	ASTM D 412
	Specific gravity	1.5 (max.)	ASTM D 792
	Heat aging for 168 h at 150°C [302°F	Ultimate elongation 300% (min.)	ASTM D 412
Thermal	Heat shock for 4 h at 225°C [437°F]	No dripping, cracking, or flowing	ASTM D 2671
merma	Low-temperature flex for 4 h at -70°C [-94°F]	No cracking during mandrel bend	ASTM D 2671
	Flammability (burn time)	120 s (max.)	ASTM D 635
Electrical	Electric strength	8 MV/m	ASTM D 149
	Aviation fuel JP-4 (MIL-T-5624)	Tensile strength 12 MPa (min.) Ultimate elongation 300% (min.)	ASTM D 412 after immersion for 24 h at 25°C [77°F]
Fluid resistance	Hydraulic fluid (MIL-H-6083)	Tensile strength 12 MPa (min.) Ultimate elongation 300% (min.)	ASTM D 412 after immersion for 24 h at 25°C [77°F]
FILILY TESISTATICE	Diesel fuel (VV-F-800 No 2)	Tensile strength 12 MPa (min.) Ultimate elongation 300% (min.)	ASTM D 412 after immersion for 24 h at 50°C [122°F]
	Automotive gasoline (MIL-G-3056)	Tensile strength 12 MPa (min.) Ultimate elongation 300% (min.)	ASTM D 412 after immersion for 24 h at 25°C [77°F]

4-32

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Dimensions are in millimeters unless otherwise specified. 4 (000) 500 0750

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单击下面可查看定价,库存,交付和生命周期等信息

>>TE Connectivity(泰科)