Introduction

Heat-shrink System 25, System 100, and System 200 components are certified under VG 95343 and TE's Raybraid RAY-90 and RAY-101 EMI shielding components are certified under VG 96936.

Using the pioneering cross linking technology developed by TE's material scientists to enhance material performance, our heat-shrink products meet global military specifications and provide protection solutions in challenging environments and demanding applications world-wide. This section outlines the portfolio of Raychem heat shrinkable components and adhesives under VG 95343 and also our Raybraid metal braid products under VG 96936.

The product range includes

- VG 95343 Part 05 Heat Shrink Tube
- VG 95343 Part 06 Molded Parts
- VG 95343 Part 07 Molded Parts
- VG 95343 Part 08 Transition Molded Parts
- VG 95343 Part 09 Transition Molded Parts
- VG 95343 Part 15 Adhesive
- VG 95343 Part 18 Molded Parts
- VG 95343 Part 19 Transition Molded Parts
- VG 95343 Part 19 Transition Molded Parts
- VG 95343 Part 25 Feedthrough Molded Parts
- VG 95343 Part 28 Zerohal Molded Parts
- VG 95343 Part 29 Zerohal Molded Parts
- VG 95343 Part 30 Zerohal Transition Molded Parts

VG 95343 Heat Shrink Products

VG 95343 Part 05 Heat Shrink Tube



Our high-performance heat shrinkable tubing products are designed to meet harsh environments required by most ruggedized harness designs. The use of TE's Raychem harnessing tubing allows simple design and cost effective custom harnesses. Our heat shrink tubings are made of polyolefins, fluoropolymers, or elastomers enhanced by radiation crosslinking and heat-shrinkability. When heated during installation, our tubings shrink to conform to many shapes. They provide dependable insulation, mechanical protection, and strain relief, as well as aesthetic appeal. Your choice of tubing type will depend upon your application, and your application requirements. For more details, please contact your TE representative.

VG 95343 T05 D

VG Part Reference	TE Part Description	TE Part Number
VG 95343 T05 D001 A	DR-25-1/8-0-SP	5039324007
VG 95343 T05 D002 A	DR-25-3/16-0-SP	5039294018
VG 95343 T05 D003 A	DR-25-1/4-0-SP	5039274019
VG 95343 T05 D004 A	DR-25-3/8-0-SP	5039264026
VG 95343 T05 D005 A	DR-25-1/2-0-SP	5039304024
VG 95343 T05 D006 A	DR-25-3/4-0-SP	5039254029
VG 95343 T05 D007 A	DR-25-1-0-SP	5039244037
VG 95343 T05 D008 A	DR-25-1-1/2-0-SP	5039234011
VG 95343 T05 D009 A	DR-25-2-0-SP	5039314011
VG 95343 T05 D010 A	DR-25-3-0-SP	5039364006
VG 95343 T05 D011 A	DR-25-4-0-SP	4017984001
VG 95343 T05 D012 A	DR-25-TW-3/32-0-SP	6504744001
VG 95343 T05 D013 A	DR-25-TW-1/8-0-SP	6458864001
VG 95343 T05 D014 A	DR-25-TW-3/16-0-SP	4816334002
VG 95343 T05 D015 A	DR-25-TW-1/4-0-SP	4568604002
VG 95343 T05 D016 A	DR-25-TW-3/8-0-SP	9088924002
VG 95343 T05 D017 A	DR-25-TW-1/2-0-SP	9908044002
VG 95343 T05 D018 A	DR-25-TW-3/4-0-SP	5750464002
VG 95343 T05 D019 A	DR-25-TW-1-0-SP	7223184002
VG 95343 T05 D020 A	DR-25-TW-1-1/2-0-SP	8895704002
VG 95343 T05 D021 A	DR-25-TW-1-1/4-0-SP	1707854001

VG 95343 T05 E

VG Part Reference	TE Part Description	TE Part Number
VG 95343 T05 E001 A	RW-200-E-1/8-0-SP	CB03294012
VG 95343 T05 E002 A	RW-200-E-3/16-0-SP	CB03314003
VG 95343 T05 E003 A	RW-200-E-1/4-0-SP	CB03334007
VG 95343 T05 E004 A	RW-200-E-3/8-0-SP	CB03354011
VG 95343 T05 E005 A	RW-200-E-1/2-0-SP	CB03374007
VG 95343 T05 E006 A	RW-200-E-3/4-0-SP	CB03394012
VG 95343 T05 E007 A	RW-200-E-1-0-SP	CB03434010
VG 95343 T05 E008 A	RW-200-E-1-1/2-0-SP	CB03454006
VG 95343 T05 E009 A	RW-200-E-2-0-SP	CB03464001

VG 95343 T05 L

VG Part Reference	TE Part Description	TE Part Number
VG 95343 T05 L001 A	ZHTM-3/1,5-0-SP	2411034003
VG 95343 T05 L002 A	ZHTM-5/2,5-0-SP	2023374003
VG 95343 T05 L003 A	ZHTM-8/4-0-SP	6649664003
VG 95343 T05 L004 A	ZHTM-12/6-0-SP	2155384003
VG 95343 T05 L005 A	ZHTM-18/9-0-SP	2109474003
VG 95343 T05 L006 A	ZHTM-24/12-0-SP	4611264003
VG 95343 T05 L007 A	ZHTM-40/20-0-SP	2450984003
VG 95343 T05 L008 A	ZHTM-50/30-0-SP	2596914002

DR-25 & DR-25-TW

- System 25 tubing
- Flame Retardant
- Shrink ratio 2:1
- RoHS compliant
- Operating Temperature Range -75°C to +150°C
- TW (thin wall) version available for weight and space saving
- Good mechanical strength
- Resistant to aviation and diesel fuels, hydraulic fluids and lubricating oils

ZHTM

- System 100 tubing
- Halogen free and Low Fire Hazard
- Excellent fire safety characteristics
- Low smoke emission
- Low evolution of acid gases
- Shrink Ratio 2:1
- RoHS compliant
- Operating Temperature Range -40°C to +105°C
- Good resistance to fluids

RW-200-E

- RW-200-E heat shrink tubing is part of our System 200 high temperature fluid resistant product portfolio, to be used in conjunction with our 200°C rated VG wire and cable products
- High resistance to impact and abrasion
- Resistant to a wide variety of aviation and other fuels, lubricants, acids and solvents at elevated temperatures
- Good flexibility at low temperatures
- RoHS compliant
- Shrink Ratio 2:1

TABLE COLOR KEY:

System 25
System 100
System 200