



SERIES 77
Heat Shrink Boots



Type W3 Adhesive Quality Standards
Pre-Coated Polyester Hot Melt Adhesive

Harness Systems Quality Assurance, GTS 4132 Specification
Suitable for Type Low Profile Parts Type 5 and 6 Materials
-55°C to +125°C Temperature Range

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This Quality Assurance Specification establishes the quality standard for heat-shrinkable elastomeric boots supplied pre-coated with type W3 hot melt adhesive. System tests: size S06 boots with 25mm aluminium backshells shall be used. Cable jacket shall be NT tubing and Viton tubing, size 3/4 inch, supplied by Raychem. Material for boot manufacture shall comply with relative GTS specification. Refer to product guide for condition to shrink boots. All tests to be carried out 7 days after installation. High performance hot melt adhesive with wide temperature range from -55°C to 125°C

Type W3 Pre-Coated Polyester Hot Melt Adhesive - Materials Specification

Test	Test Method	Test Requirement
Dynamic Shear Testing Test Temperature 23°C 105°C	IEC 62329-2	NT and Viton Tubing Tensile Force Min 300 N 30 N
Static Load Test Temperature Load 23°C 10kgs 105°C 0.5kgs	IEC 62329-2	NT and Viton Tubing Dynamic Shear 300 N Maximum Movement 4mm
Heat Aging 168hrs at 105°C	IEC 62329-2	NT and Viton Tubing Peel Adhesion >60 N/25mm Dynamic Shear >300 N
Fluid Resistance 24hr Immersion @ 50°C Lubricating Oil 0-156 Diesel Fuel Hydraulic Fluid H-540 Turbine Fuel F-34 Cleaning Fluid P-C-437	IEC 62329-2	NT and Viton Tubing Dynamic Shear 150 min
Peel Adhesion Boot to Adapter Boot to Cable (NT and Viton®)	IEC 62329-2	>60 N/25mm >60 N/25mm

Approved to: TACOM 12287273 Rev K adhesive tape