



SERIES 77
Heat Shrink Boots



Type W1 Adhesive Quality Standards
Pre-Coated Polyamide Hot Melt Adhesive

Harness Systems Quality Assurance, GTS 4067 Specification
Suitable for Type 1, 2 and 7 Materials
-55°C to +125°C Temperature Range

A

This Quality Assurance Specification establishes the quality standard for a heat-shrinkable elastomeric boots supplied pre-coated with Type W1 Hot Melt Adhesive. System tests; size S06 boots with 25mm aluminum backshells shall be used. Cable jacket shall be ZHTM tubing for 2010 compound and DR 25 for 2025 compound. (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. Epoxy adhesive with wide temperature range, from -55°C to 125°.

Type W1 Pre-Coated Polyamide Hot Melt Adhesive - Materials Specification

Test	Test Method	Test Requirement
Dynamic Shear Testing Test Temperature 23°C 10°C	IEC 62329-2	Tensile Force Min 300N 30 N
Static Load Test Temperature 23°C 105°C	IEC 62329-2	Dynamic Shear 300 N Maximum Movement 15mm
Load 10kgs 0.5kgs		
Heat Aging 168hrs at 105°C	IEC 62329-2	Peel Adhesion >60 N/25mm Dynamic Shear >300 N
Fluid Resistance 24hr Immersion at 23°C Lubricating Oil 0-156 Aircraft Grease G-354 Hydraulic Fluid H-520 Water Turbine Fuel F-34	IEC 62329-2	Dynamic Shear 150 min
Peel Adhesion Boot to Adapter Boot to Cable	IEC 62329-2	>60 N/25mm >60 N/25mm
Halogen Content	IEC 62329-2	<0.2%

Approved to: VG 95343 Part 28 with Type 2 material