



**SERIES 77**  
**Heat Shrink Boots**



**Type W2 Adhesive Quality Standards**  
**Pre-Coated Hot Melt Adhesive**

**A**

**Harness Systems Quality Assurance, GTS 4088 Specification**  
**Suitable for Type 3 and 9 Materials**  
**-55°C to +70°C Limited Temperature Range**

This Quality Assurance Specification establishes the quality standard for a heat-shrinkable elastomeric boots supplied pre-coated with Type W2 Hot Melt Adhesive. System tests; size 7600 boots with 25mm aluminum backshells shall be used. Cable jacket shall be RNF 100 for 2040 compound, type 3 material (tubing size 1/2 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. Hot melt Adhesive with limited temperature range from -55°C to 70°C.

**Type W2 Polyamide Pre-Coated Hot Melt Adhesive - Materials Specification**

Test	Test Method	Test Requirement
Dynamic Shear Testing Test Temperature 23°C 70°C	IEC 62329-2	Tensile Force Min 150 N 30 N
Static Load Test Temperature 23°C 70°C Load 10kgs 0.5kgs	IEC 62329-2	Dynamic Shear 150 N Maximum Movement 15mm
Heat Aging 168hrs at 105°C	IEC 62329-2	Peel Adhesion >60 N/25mm Dynamic Shear >150 N
Fluid Resistance 24 hr immersions at 23°C Lubricating oil O-156 Aircraft Grease G-354 Hydraulic Fluid H-250 Turbine Fuel F-34	IEC 62329-2	Dynamic Shear >150N
Peel Adhesion Boot to Adapter Boot to Cable	IEC 62329-2	>60 N/25mm >60 N/25mm