Neo Heat 250

Neoprene Cotton Lined Gauntlet Heat Resistant

TECHNICAL INFORMATION SHEET

1. Device Name

NEO HEAT 250

2. Description

Neoprene, Liquid Proof Construction, Heat Resistant protection for hand and forearm, Fully Coated, Seamless Cotton Liner, Grip Pattern, High Flexibility and Dexterity

3. Product Codes & Sizes

Product Code	Size	Single Barcode	Shipper Barcode
41288	9	9311059412883	29311059412887
41289	10	9311059412890	29311059412894

4. Recommended Applications

- Casting
- Moulding
- Ceramic Industry
- Cement Industry
- Kitchens
- Bakeries
- Car Industry
- Mechanic Workshop
- Galvanising Industry
- Construction
- Manufacturing
- Beverage Industry
- Chemical Processing
- Food Processing
- Food Manufacturing
- Industrial
- Maintenance

5. Materials

Neoprene, Cotton Seamless Liner, **Does not contain DOP/DEHP phthalates**

6. Standards & Approvals

Neo Heat 250 are tested to and complies with;

- *Conforms to European Council Directive 89/686/EEC relating to (Complex Design) Personal Protective Equipment after assessment against standards*
  - *EN374:2003*
  - *EN388:2003*
  - *EN420:2003 +A1: 2009*
  - *EN407:2004 Clause 5.2 (Contact Heat)*

7. Dimensions

SIZE	LENGTH (+/-10mm)	THICKNESS SINGLE WALL (+/-0.1mm)	CIRCUMFRENCE PALM (+/-5mm)
9	380mm	1.4mm	232mm
10	380mm	1.4mm	260mm

8. Colour

Black

9. Performance Requirements

CHARACTERISTICS	LEVEL ACHIEVED	REFERENCE STANDARD
Abrasion Resistance	2	EN388:2003 clause 6.1
Blade Cut Resistance	1	EN388:2003 clause 6.2
Tear Resistance	3	EN388:2003 clause 6.3
Puncture Resistance	2	EN388:2003 clause 6.4
Air Leak Test	PASS	EN374 Micro O Risks
Water Leak Test	PASS	EN374 Micro O Risks
n-Heptane, 40%	2	EN374 Chemical Risks
Sodium Hydroxide 40%	6	EN374 Chemical Risks
Sulphuric Acid 96%	4	EN374 Chemical Risks
Contact Heat	1	EN407 Thermal Risks

10. Sampling and Acceptance Criteria

CHARACTERISTICS	SAMPLING STANDARD	INSPECTION LEVEL	AQL	REF. STANDARD
Dimensions	ISO 3951	S3	1.0	Manufacturers S.O.P
Visual Defects Major	ISO 2859-1	G1	1.5	Manufacturers S.O.P
Visual Defects Minor	ISO 2859-1	G1	4.0	Manufacturers S.O.P
Packaging Defects Major	ISO 2859-1	S3	1.0	Manufacturers S.O.P
Packaging Defects Minor	ISO 2859-1	S3	4.0	Manufacturers S.O.P

11. Quality Control Inspection Procedures

a) Shipment is packed into lots of 2000 pairs (approximately). A lot consists of only one glove size.
b) For the inspection of visual defects, random samples are drawn from the lot at the stage of packing. Sample is visually inspected for major and minor defects and status of test is determined based on the acceptance criteria in table 12 above.
c) One glove is measured from each lot for dimensions and compared with specifications. If any dimension is found to be nonconforming, a random sample is drawn from the lot as per sampling plan in table 12. Status of the test is determined based on the acceptance criteria in table 12.
d) For the inspection of packaging defects, random samples are drawn from the lot at the stage of packing. Sample is visually inspected for a major and minor defect and status is determined based on the acceptance criteria in table 12.
e) If all above tests are PASS, the status of the lot is considered as “PASS”. Otherwise the status of the lot is considered “HOLD”.
f) HOLD lots are re-inspected and a subsequent QC check is performed on such lots. Status of such lots is determined based on the same method described above.
g) PASS lots are transferred to Finished Goods Store ready for shipment.

12. Packaging

1pair will be packed into a clear polybag with label. 60 pairs per export quality shipper carton (outer).

13. Shipper Carton Specifications

SIZE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	GROSS WEIGHT (kg)
9	790	390	180	12.6
10	790	390	180	13.4

14. Storage Conditions

The gloves will maintain their properties when stored in dry conditions out of direct sunlight at between 10 to 30°c

15. Shelf Life

The gloves shall retain the above physical properties for a period of 3 years from the date of manufacture when stored in compliance with the above storage conditions before deterioration occurs.