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CORPORATE PURCHASING SPECIFICATION

AA 514 07

Rev. No. 01

PAGE 1 OF 2

WAXED GREASE PROOF PAPER

- 1. GENERAL : This specification covers the requirements of waxed paper which is used for general packaging purposes.
- 2. APPLICATION : Used for immediate wrappings of machined surfaces, carton over wrapping and case lining where high degree of moisture/moisture vapour protection is required.
- 3. COMPLIANCE WITH NATIONAL STANDARDS : 3.1 The material shall comply with the requirements of IS: 3962 Specification for waxed paper for general packaging.
- 4. DIMENSIONS AND TOLERANCES : 4.1 The sizes of the waxed paper roll shall be as stated below.  
Width - 900mm ±10mm  
Length - 100 metres.  
4.2 For measuring the length of the rolls, one sample roll shall be measured, other shall be accepted by comparing the weight of each roll with that of the roll.
- 5. COMPOSITION : The waxed paper for packing should be on both sides and should be of type 2 (waxed grease proof paper) as per IS: 3962 and the base paper should be of grade 2 as per IS: 2991.
- 6. FREEDOM FROM DEFECTS : The waxed grease paper should be of uncreased quality.
- 7. TEST SAMPLES : Representative test samples shall be drawn as prescribed in clause 3 of IS: 1060 (Part I).
- 8. PROPERTIES : 8.1 General:  
The waxed grease proof paper shall be uniform in thickness and shall not crack on folding, nor have any extraneous odour. The waxed grease proof paper shall be heat sealed when heated and pressed together and shall have a reasonably low permeability to water vapour. When heat sealed, the print, if any shall not bleed.

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AA 514 07

Rev. No. 01

PAGE 2 OF 2

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8.2 Base Paper:

IS: 2991 - Grade 2.

8.3 Wax:

(Appendix A of IS:3962)

Melting point of paraffin wax, micro crystalline wax or their blends should be 60°C. min.

8.4 Blocking Resistance:

The waxed paper shall not have any blocking when tested at a temperature of 38°C and 75 percent relative humidity for 24 hours when tested according to clause 10 of IS: 4006 (Part 1).

9. ADDITIONAL REQUIREMENTS

: The waxed grease proof should satisfy the following requirements.

9.1 Substance:

40 g/m<sup>2</sup> Min.

9.2 Wax Coating Content:

20 percent by weight Min.

9.3 Burst Factor:

Date of  
Quality Supply Min.

9.4 Water vapour permeability:

Max. 15g/m<sup>2</sup> per 24 hr at 38°C and 90 ± 2 percent relative humidity.

10. TEST CERTIFICATES

: Unless otherwise stated, three copies of test certificate shall be supplied giving the following information:

BHEL SPEC. NO : AA 51407

BHEL Order No.

Supplier's Name and Trade mark if any.

Batch No.

Date of manufacture and packing

Test results of clauses 8 & 9.

11. PACKING AND MARKING

: The material shall be packed securely in rolls and shall be marked with the following informations:

AA 51407: Waxed Grease Proof Paper

BHEL Order No.

Manufacturer's/Supplier's name

Trade Mark if any.

Date of Manufacture

Quantity Supplied:

672-001