D.T.D.568

Ministry of Defence
Defence Procurement Agency, ADRP2
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BS34 8JH

OBSOLESCENCE NOTICE

All DTD specifications were declared obsolescent from 1st April 1999. All DTD 900 series approvals also lapsed at that time. The standards will no longer be updated but will be retained as obsolescent documents to provide for the servicing of existing equipment.

Further Guidance

The aim in declaring the specifications obsolescent is to recognise that the documents are not being updated and thus should be used with care by both purchaser and supplier. For example, a specification could contain valid technical information but may also contain type approval clauses that contradict procurement policy and/or use materials that do not comply with environmental legislation. The obsolescent specification can still be used as a basis for a purchase provided that the supplier and purchaser agree suitable changes to the specification within the purchase order/contract.

For the DTD 900 system, each specification has provided an MoD approved material and process. For these items, the declaration of obsolescence will constitute the termination of both the extant MoD approval and the continuing MoD assessment that had underpinned those approvals. Again, the technical content of the document remains valid and can be used by both purchaser and supplier as a basis for a contract but an acceptable (to the parties) approval/assessment procedure would be required.

MINISTRY OF SUPPLY

D.T.D. 568
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Material Specification
12½ oz. COTTON CANVAS

NOTE.— This specification is one of a series issued by the Ministry of Supply either to meet a limited requirement not covered by any existing British Standard, or to serve as a basis for inspection of material the properties and uses of which are not sufficiently developed to warrant submission to the British Standards Institution for standardisation.

1. **Quality of yarns.**

The yarns* used in the manufacture of the fabric shall be spun from good quality cotton and shall be level and free from avoidable defects.

2. **Manufacture.**

(a) The weave shall be plain.

(b) The ends and picks per inch shall be 22 ± 1 and 20 ± 1 respectively.

(c) The fabric shall be uniformly woven and shall be as free as possible, to the satisfaction of the inspector, from defects of preparation and weaving. The selvedges shall be evenly and well made.

3. **Finish.**

The fabric shall be supplied in the loom state.

4. **Width.**

The width at any part of the fabric shall be not less than that specified and shall not exceed that width by more than ½ inch.

5. **Weight.**

The weight of the fabric, when determined by the method described in Appendix I, shall not exceed 12.5 oz. per square yard.

*Warp and weft yarns 7 fold 20s nominal counts have been found satisfactory.

6. **Breaking strength.**

The breaking strength of any specimen, when determined by the method described in Appendix II, shall be not less than 120 lb. per inch width in the warp and weft directions.

7. **Selection of test samples.**

A sample of 36 inches long and the full width of the fabric shall be selected by the Inspector from at least one piece from each weaver's beam.

APPENDIX I

Method for the Determination of Weight

A piece of the selected sample of suitable size (not less than 12 inches square and clear of the selvedge) shall be conditioned for not less than 24 hours in an atmosphere with a relative humidity of 65±2 per cent. and a temperature of 20° ± 2°C. (68° ± 4°F.) and then weighed under the same conditions.

APPENDIX II

Method for the Determination of Breaking Strength

Six specimens 2½ inches wide shall be cut from the test sample in the direction of the warp and six in the direction of the weft. No two specimens cut in the same direction shall contain the same longitudinal threads. The threads shall be frayed out from the sides of each specimen so as to reduce the width to 2 inches, and each specimen shall be fixed in the jaws of an approved testing machine so that the length between the jaws is 8 inches. The load shall be uniformly applied at a rate of approximately 240 lb. per minute.

The specimens shall be conditioned for not less than 24 hours in an atmosphere with a relative humidity of 65 ± 2 per cent. and a temperature of 20° ± 2°C. (68° ± 4°F.), and then tested under the same conditions.

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