

**Ministry of Defence
Defence Procurement Agency, ADRP2
Abbey Wood
Bristol
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.

Aircraft Material Specification
NYLON WEBBING

NOTE 1. This specification is one of a series issued by the Ministry of Defence (Aviation 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.

NOTE 2. Four series of webbing are referred to in this specification. The contract or order should state the Schedule number and Type required.

1. Material

The yarn used in the manufacture of the webbing shall be continuous filament nylon 66, of nominally 60 denier medium tenacity bright, or nominally 210 denier high tenacity bright.

2. Manufacture

(a) *Construction and properties.* The details of construction and the properties of the webbing shall comply with the requirements specified in Schedules 1, 2, 3, and 4.

(b) The webbing shall be uniformly woven and as free as practicable from defects to the satisfaction of the Inspector.

(c) The webbing shall be supplied (1) in loomstate, (2) scoured, (3) scoured and dyed, (4) scoured and heat set, or (5) scoured, heat set and dyed, as stipulated in the contract or order.

(d) (1) The dyes shall not have any deleterious effect on the webbing.

(2) The dye shall have a fastness to perspiration of not less than Grade 3 and shall have a colour fastness to light not less than Standard 4 when tested by the methods described in British Standard 2661-86 & 3661.

(e) The webbing shall be supplied in 72-yard rolls.

3. Test sample

The selection of test samples, the procedure for conditioning and the methods of test for weight and breaking strength shall be in accordance with British Standard F.100.

Schedule 1 (Weave 2 and 2 Double V Twill)

Type	Width inches	Minimum Number of ends in width	Minimum Number of picks per inch	Maximum weight (lb) per 144 yards	Minimum Breaking load (lbf)
A	1	80	52	16	240
B	$\frac{3}{4}$	94	52	18	315
C	1	130	52	24	420
Nominal yarn count, warp and weft: 210 denier					

Schedule 2 (Weave 2 and 2 V Twill)

Type	Width inches	Minimum Number of ends in width	Minimum Number of picks per inch	Maximum weight (lb) per 144 yards	Minimum Breaking load (lbf)
A	$\frac{1}{2}$	40	30	$2\frac{3}{4}$	400
B	$\frac{3}{4}$	60	30	4	600
C	1	80	30	$5\frac{1}{4}$	800
D	$1\frac{1}{2}$	120	30	$7\frac{1}{2}$	1,200
E	$1\frac{3}{4}$	140	30	$9\frac{1}{2}$	1,400
F	2	160	30	$10\frac{1}{2}$	1,600
G	$2\frac{1}{2}$	200	30	$13\frac{1}{4}$	2,000
H	3	240	30	$15\frac{3}{4}$	2,400
Nominal yarn count, warp and weft: 60/6/3 denier					

Schedule 3 (Weave 2 and 2 V Twill)

Type	Width inches	Minimum Number of ends in width	Minimum Number of picks per inch	Maximum weight (lb) per 144 yards	Minimum Breaking Load (lbf)	Nominal Yarn Count. Denier Warp and Weft
A	½	40	30	2¾	500	210/5
B	¾	60	30	4	750	210/5
C	1	80 or 100	30 34	5¼	1,000	210/5 210/4
D	1½	120 or 150	30 34	7½	1,500	210/5 210/4
E	1¾	140 or 176	30 34	9½	1,750	210/5 210/4
F	2	160 or 200	30 34	10½	2,000	210/5 210/4
G	2½	200	30	13½	2,500	210/5
H	3	240	30	15¾	3,000	210/5

Schedule 4 (Weave 2 and 2 Twill)

Type	Width inches	Minimum Number of ends in width	Minimum Number of picks per inch	Maximum weight (oz) per 144 yards	Minimum Breaking load (lbf)
A	¾	30	40	24	300
Nominal yarn count, warp and weft: 210/2/2 or 210/4 denier					

Approved for issue,

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Director/Materials.

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