

**TECHNICAL PARTICULARS OF WEBBING NYLON, 44 mm, 1815 kgf, B.S.,
RESIN TREATED, DYED OR UNDYED**

S.N.	TEST PARAMETERS	SPECIFIED VALUE	TEST METHOD
1.	Width, mm	44 ± 1.5	IS: 1954
2.	Thickness, mm	0.86 -- 1.76	IS: 7702
3.	Mass, g/m, max.	55	IS: 4727-1968 Appendix -- 'A'
4.	Breaking Strength, kgf, min.	1815	IS: 1969 - 1961
5.	pH. Value	5.5 to 8.5	IS: 1390 - 1961 Color method
6.	Colour Fastness to Light	5 or Better	IS: 686: 1957 or IS: 2454 - 1967
7.	Materials	Bright, High Tenacity (not less than 8.5 gpd). Multifilament, Industrial Grade, Heat & UV Stabilized, Nylon 6,6 Yarn.	---
8.	Weave	2/2 Herringbone Twill (Design Enclosed At Appendix-'Y')	---
9.	Roll Length	100 m or as agreed	IS: 4727-1968 Appendix - C
10.	Resin Treatment, (Resin Treatment to be done as per recipe, method of Treatment, Curing etc. as mentioned in clause 3.3 of IS: 4727-1968)	Extractable matter, 1.0 ± 0.5 % by weight of treated webbing	IS: 4727 --- 1968 Appendix -- 'E'
11.	Stiffness (Drop Angle), degree	60 ± 10	ADRDE/TECHN/70 Appendix - 'G'
12.	Accelerated ageing As per Clause 3.4 of IS: 4727-1968	1634 kgf BS, min after exposure.	IS: 4727-1968 Appendix -- 'D'
13.	Suggested Constructional Parameters : i) Yarn Denier X Ply Warp Weft ii) No. of ends in full width iii) No. of Picks per dm	1260 x 1 840 x 1 231 & 1-Interlocking thread 142	IS: 1815 IS: 1953 - 1961
14.	Suggested Yarn Twist Per meter, min i) Warp ii) Weft	1100 Nil/Intermingled yarn	IS: 1837 - 1964

Note:-

1. If Dyed Webbing is to be produced then the colour & its indices should be stipulated in addition to the above.
2. Above amended Technical Particulars will supercede the Technical Particulars No. ADRDE/Tech. Part./02/36 dated 5th Aug'02 & ADRDE/Tech. Part./02/36 (a), dated 18th Dec'03.

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WEAVING DESIGN OF WEBBING NYLON 44 mm, 1815 Kgf. BS

4			X	X			X	X
3		X	X		X			X
2	X	X			X	X		
1	X			X		X	X	
	1	2	3	4	5	6	7	8



Reversing

2/2 Herringbone twill
Repeat: - 8 ends X 4 picks

KEY TO MARKS :-

X- End up on Picks (One as one).