

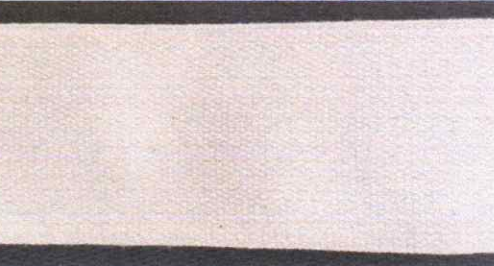


VIRAJ SYNTEX PVT. LTD.



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Technical Test Certificate - MIL Spec.& PIA - Tapes/Webbings/Elastics

1	Item Name :	Webbing Cotton 3.00" BS 810 Pound Natural						Attach Below Item Image			
2	Report No :	VSPL/TTC/NWF/01		Date :	08.09.2026						
3	Customer Name :	Viraj Syntex Pvt. Ltd.		Our Item Code :	NWF-PIA-C-1121 NAT						
4	Customer Part No. :	N/A		Po. No. & Date :	N/A						
5	MIL Specification No :	PIA-W-530		Type & Class :	II & I						
6	Loom Type :	Needle Loom		Job No & Date :	Sample Test Report						
7	Sample Tested :	5		Qty/Lot Size :	As Per Requirement						
Sr	DETAILS	Unit	Specn Requirements	Tolerance	Test Results 1	Test Result 2	Test Result 3				
1	Width :	inch	3.000	± 0.0938	3.031	3.036	3.034	3.035	3.031	3.033	ASTM D 3774 Option B
2	Weight / Meter :	oz./yd	1.950	min.	2.080	2.084	2.081	2.079	2.080	2.081	ASTM D 3776 Option D
3	Thickness /Unit :	inch	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ASTM D 1777 Option 2
4	Picks / Unit :	inch	28	min.	28.0	28	28	28	28	28.0	ASTM D 3775
5	Warp Yarns / Unit :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5050
6	Break Strength & Test Graph :	lbs.	810	min.	1300	1276	1283	1263	1295	1283	PIA 4108 - Graph Attached
7	After Abrasion Break Strength (Pound) & Test Graph :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5309 & 4108- Graph Attached
8	Elongation at BREAK :	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PIA 4108 - Graph Attached
	at WLL :	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Material Type & Den/Ply/TPM of Warp 1 :	Cotton	8/4	± 5 %	Cotton	8/4	N/A	N/A	N/A	8/4	ASTM D 3775
	Warp 2 :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Warp 3 (Rubber) :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Weft :	Cotton	16/4	± 5 %	Cotton	16/4	N/A	N/A	N/A	16/4	
	Binder :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Stuffer :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Lock :	Cotton	24/4	N/A	Cotton	40/2	N/A	N/A	N/A	40/2	
	Ends in full Width :		Ends		Ends						
10	Warp 1 :	N/A	144	min.	144	N/A	N/A	N/A	N/A	144	ASTM D 3775
	Warp 2 :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Warp 3 (Rubber) :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Weft :	N/A	1	N/A	1	N/A	N/A	N/A	N/A	1	
	Binder :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Stuffer :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Catch-Cord (Lock) :	N/A	1	N/A	1	N/A	N/A	N/A	N/A	1	
	Weave :	N/A	Plain	N/A	Plain	N/A	N/A	N/A	N/A	Plain	
12	Warp Yarn Filling type :	N/A	Single	N/A	Single	N/A	N/A	N/A	N/A	Single	Visual
13	Weft Yarn Filling type :	N/A	Single	N/A	Single	N/A	N/A	N/A	N/A	Single	Visual
14	Shade & Shade Code :	N/A	Natural (NAT)	N/A	Natural (NAT)	N/A	N/A	N/A	N/A	Natural (NAT)	Visual
	Spectrophotometer Average five Readings (LxAxB) :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	AATCC TM 173:2015 D65/10°
	Shade Difference (ΔE) :	N/A	≤ 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	AATCC TM 173:2015 D65/10°

>>>> Cont. on Page 2

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2	Report No : VSPL/TTC/NWF/01		Date : 08.09.2026								
3	Customer Name : Viraj Syntex Pvt. Ltd.		Our Item Code : NWF-PIA-C-1121 NAT								
4	Customer Part No. : N/A		Po. No. & Date : N/A								
5	MIL Specification No : PIA-W-530		Type & Class : II & I								
6	Loom Type : Needle Loom		Job No & Date : Sample Test Report								
7	Sample Tested : 5		Qty/Lot Size : As Per Requirement								
Sr	DETAILS	Unit	Specn Requirements	Tolerance	Test Results 1	Test Result 2	Test Result 3	Test Result 4	Test Result 5	Test Results (Av)	Test Method
15	Fastness To Washing (Laundering) :										
	Color Change	N/A	3-4	min.	N/A	N/A	N/A	N/A	N/A	N/A	AATCC 61/TEST 1A
	Colour Staining	N/A	3-4	min.	N/A	N/A	N/A	N/A	N/A	N/A	AATCC 61/TEST 1A
	Light :	N/A	3-4	min.	N/A	N/A	N/A	N/A	N/A	N/A	AATCC 16 Option 1
	Rubbing (Crocking) Wet & Dry :	N/A	3.5	min.	N/A	N/A	N/A	N/A	N/A	N/A	AATCC 8
	Perspiration :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Residual Shrinkage :	%	2.0	max.	N/A	N/A	N/A	N/A	N/A	N/A	See Clause 4.5.4
17	Melting Point of Yarn :	(°F)	N/A	min.	N/A	N/A	N/A	N/A	N/A	N/A	Visual
18	Curvature :	inch	0.25	max.	0.06	0.06	0.05	0.06	0.05	0.06	ASTM D 1776
19	pH :	N/A	5.5-9.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	AATCC 81
20	BS After Resistance to Light (Kgf) :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ASTM G 151, ASTM G 155 & PIA-TM-4108
	BS Loss % After Resistance to Light (Xenon Arc) :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ASTM G 151 & ASTM G 155
21	BS After Resistance to Heat (Kgf) :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ASTM D 1776 & PIA-TM-4108
	BS Loss % After Resistance to Heat (Oven) :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ASTM D 1776
22	Remarks :										
	Remarks :										
	Remarks :										
Over All Test Result :		Pass				Lot Size	Unit	Sampling	Lot Size/Unit	Sampling	
Prepared By (Asst. Lab) :		For Viraj Syntex (P) Ltd.				Date : 8/9/26	800 or less	Mtr	2	5,001 & 22,000	5
Checked & Approved By (Lab/QC Inch.) :						Date : 8/9/26	801 up to 5,000	Mtr	3	22,001 and Over	7

VIRAJ SYNTEX (PVT.) LTD

(An ISO 9001 : 2015 Certified Company)

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**TEST REPORT**

Tensile / Breaking Load & Elongation Test - Tapes/Webbings			
Report No. :	VSPL/TT/26-27/01	Date :	09/08/2026
Order / Job No.:	Viraj Syntex Pvt. Ltd.	Time :	09:26:42 AM
Item Detail :	Webb. Cotton 3.00" BS 810 lbs Natural	M/C Capacity (Kgf):	20,000
Item Code :	NWF-PIA-C-1121 NAT	WLL(Kgf) :	N/A
Sample No. :	001	Batch No. :	Sample
Test Specification :	PIA-W-530 (T-II, C-1)	Grip Distance (mm) :	250
Test Procedure No. :	PIA-TM-4108	Traverse Speed (mm/min) :	75

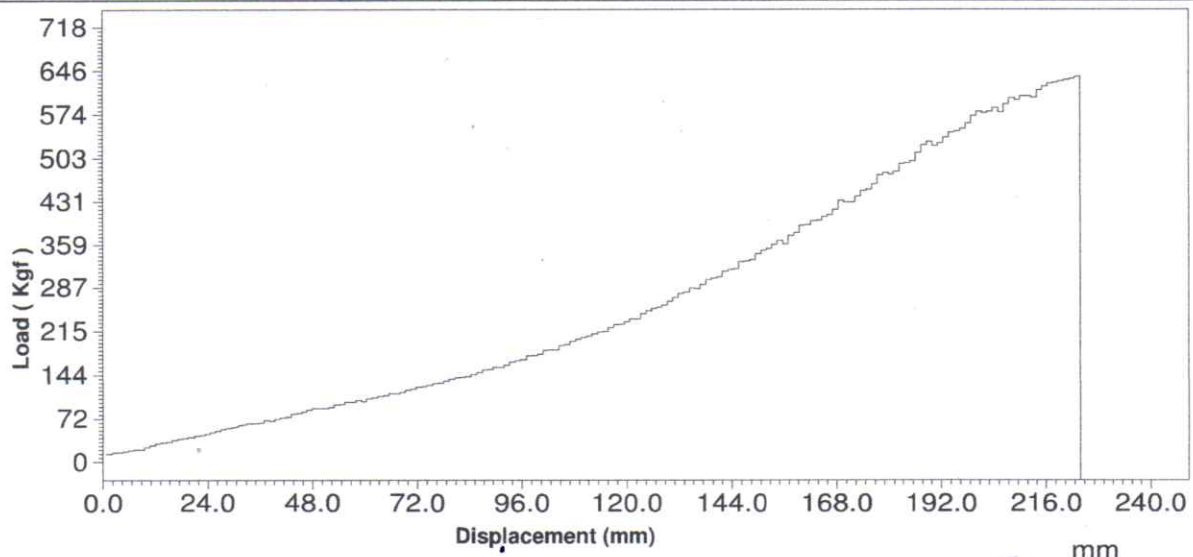
Test Discription

The test sample shall be centrally clamped between the upper fixed grip and lower moving desired type of grips of the sample and as per required grip distance and traverse speed so that the longitudinal axis of the sample is at right angles to the edges of the grips after pretension. Please refer following Specifications for determination of Breaking Load Elongation at break.

Test Exceptions / Deviations , If Any :

TEST RESULTS

Test Parameter	Results	Required
Tensile / Breaking Peak Load (Kgf) :	590	368 Min.
Elongation at Break (mm) :	223.9	N/A
Elongation % at N/A Kgf / WLL :	N/A	N/A
Elongation % at 590 Kgf / Peak Load :	N/A	N/A

TEST GRAPH

Final Test Results : **PASS** ✓ **FAIL**

Test Comments / Remarks :

Tested By (Lab Assistant) : Name Anurag Srivastava Signatures [Signature]
 Checked By (Lab/QC Incharge) : Name Ankur Kishore Signatures [Signature]
 For Viraj Syntex (P) Ltd.

Doc No : VSPL/LAB/06/TM/Rev:01/20.11.23

Lab/Q.C. Incharge