VIRAJ SynTex

TECHNICAL SPECIFICATION

MIL-W-38461C(USAF) TYPE I

WEBBING, NYLON, AIRCRAFT, ARRESTING

VIRAJ ITEM CODE
NWFS-9164

TAPE
TEXTILE NYLON

MATERIAL
NYLON 6,6

WEIGHT (MAX)

YRD — OZ / YD: 37.0

MTR — WEIGHT / MTR: 1147.13

DIMENSIONS

WIDTH/DIA
8.500 + 0.125 - 0.063 INCH
215.9 + 3.175, - 1.600 MM

THICK
0.225 + 0.012, -0.000 INCH
5.715 + 0.304, 0.000 MM

PERFORMANCE

BREAKING STRENGTH (POUND)
105,000 POUND

BREAKING STRENGTH (KGF)
47670 KGF

SPECIFICATION

TABLE	TYPE	CLASS
I	I	-

ELONGATION % (MIN)
N/A

PICK / INCHES (MIN)
14

WEAVING LOOM
SHUTTLE

TECHNICAL SPECIFICATION

MIL-W-38461C(USAF) TYPE II

WEBBING, NYLON, AIRCRAFT, ARRESTING

VIRAJ ITEM CODE
NWFS-9165

TAPE
TEXTILE NYLON

MATERIAL
NYLON 6,6

WEIGHT (MAX)

YRD — OZ / YD: 50.0

MTR — WEIGHT / MTR: 1550.17

DIMENSIONS

WIDTH/DIA
7.938 + 0.125, - 0.063 INCH
201.62 + 3.175, 1.600 MM

THICK
0.340 ± 0.010 INCH
8.636 ± 0.254 MM

PERFORMANCE

BREAKING STRENGTH (POUND)
130,000 POUND

BREAKING STRENGTH (KGF)
59020 KGF

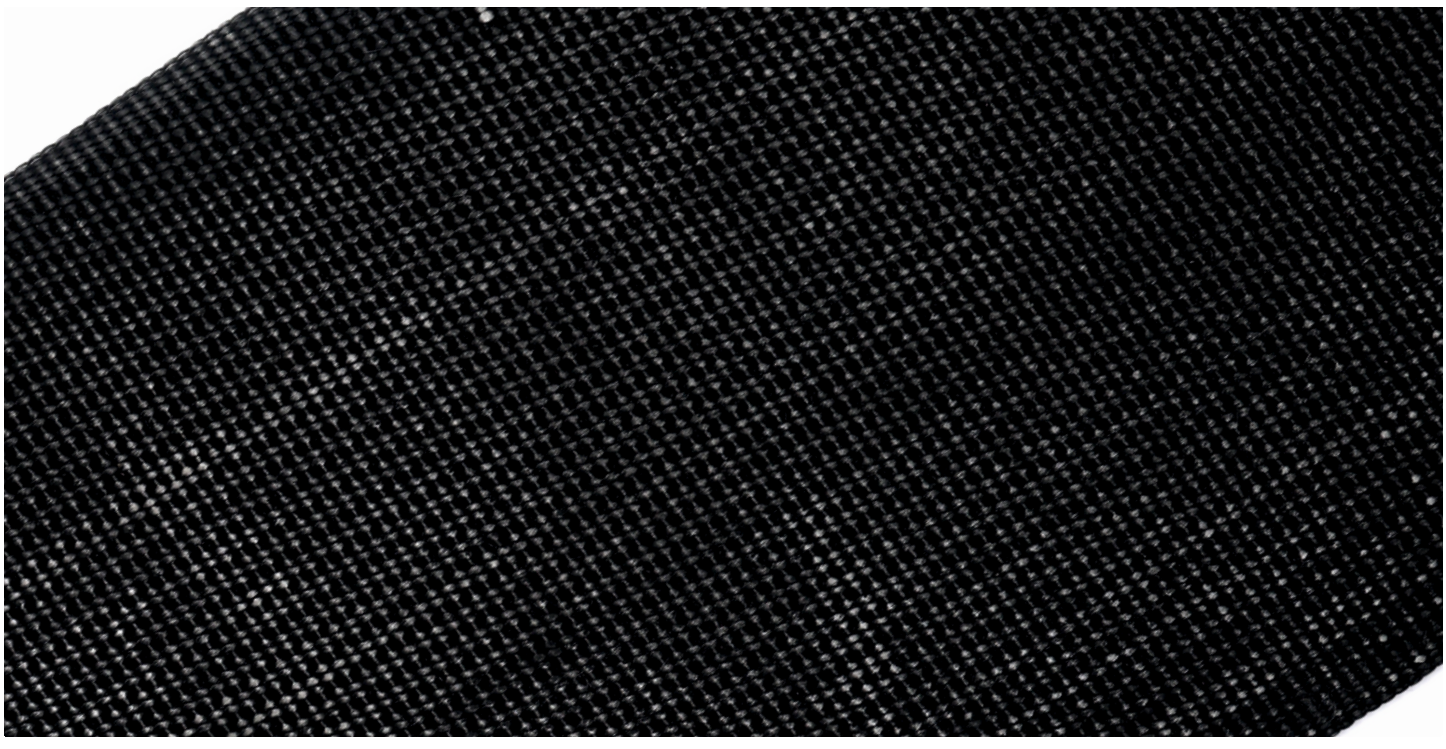
SPECIFICATION

TABLE	TYPE	CLASS
I	II	-

ELONGATION % (MIN)
N/A

PICK / INCHES (MIN)
13

WEAVING LOOM
SHUTTLE



PHYSICAL PROPERTIES AND CONSTRUCTION

CHARACTERISTIC	TYPE I	TYPE II
Width, Inches	8.500 +0.125[1],[2]-0.063	7.938 +0.125[1],[2]-0.063
Thickness, Inches	0.225 +0.012-0.000	0.340 ± 0.010
Weight, OZ/Linear yd (Max.)	37.0	50.0
BREAKING STRENGTH, POUNDS (MIN.)		
Average	105,000	130,000
Single Determination	95,000	125,000
ENDS IN WARP (MIN.)		
Ground	649	558
Binder	160	136
Stuffer	1210 (840 denier) or 1015 (1260 denier)	1460 (840 denier) or 1362 (1260 denier)
Yellow Marker	4	4
Filling, Yarn/Inch (Min)	14	13
YARN, PLY (MIN.)		
Ground	3 (840 denier) or 2 (1260 denier)	3 (840 denier) or 2 (1260 denier)
Binder	3 (840 denier) or 2 (1260 denier)	3 (840 denier) or 2 (1260 denier)
Stuffer	5 (840 denier) or 4 (1260 denier)	7 (840 denier) or 5 (1260 denier)
Filling	6 (840 denier) or 4 (1260 denier)	7 (840 denier) or 4 (1260 denier)
TWIST, TURNS/INCH		
Ground	2.0 - 3.0	2.0 - 3.0
Binder	2.0 - 3.0	2.0 - 3.0
Stuffer	1.0 - 2.0	1.0 - 2.0
Filling	1.0 - 2.0	1.0 - 2.0

1. Single determination.
2. A maximum of 2 single determinations per roll may deviate to -0.125 inches.
3. Nonconformance shall be based on a length greater than twelve (12) inches.