MADE IN INDIA

WEAVING... ENDLESS POSSIBILITIES
For Various Industries SINCE 1994


Airforce


Climbing Sports


Body Armour


Lifting Slings & Lashing


Parachute


Fall Protection


Defence/ Military

MIL / PIA-W- 4088 | MIL / PIA-T- 5038 | MIL-T- 87130 | MIL / PIA- W- 5625 | MIL / PIA-T- 5608 | MIL-T- 6134C
MIL-W- 17337 | A-A-55301A | MIL-W- 43668C | MIL-W- 43685B | MIL-T- 43709B | MIL-W- 87127
MIL-C- 5040H | MIL-C- 7515F | MIL-C- 17183B | MIL-C- 87129A | MIL-B- 371F | MIL-C- 43701B

ViRAJ SynTex

Narrow Fabrics | Braids | Ropes

ViRAJ
VSPL GROUP

Catalogue

NCAGE Code 4927Y

Viraj Syntex (Pvt.) Limited

www.mil-pia-webbings-ribbons.com | info@virajsyntex.com



WHO WE ARE

VIRAJ SYNTEX (P) LTD. (Viraj Group) established in 1994 has managed to carve a niche for itself in terms of customer satisfaction and state of the art technology.

Viraj Group specializes in the field of Narrow Woven Fabrics & Braided Cords/Ropes , Fall Protection Equipments, Material handling & Load Restraint Systems In India, we are one of the leading suppliers of Narrow Woven Fabrics used in Parachutes and other safety equipments used by the Indian Defence Organizations.

Our Manufacturing set-up is spread over 1,50,000 sq. ft and is equipped with finest and latest weaving, braiding, twisting machines along with continuous dyeing and testing equipments. We are one of the few companies having a complete Vertical Integrated manufacturing process along with complete In house testing of all input raw material till complete finished products which gives us a strong control over quality at every step.

All our systems & process are registered to ISO 9001:2015. & ANSI and CE certifications reaffirm our commitment towards values of quality, innovation & fair Business Practices for complete customer satisfaction.

Viraj Group has expanded its marketing horizons in Europe, UK, GCC, Asia Pacific, Africa, Australia & USA .

Our Registrations & Accreditation

Aerial Delivery Research & Development Establishment (ADRDE)	Indian Space Research Organisation (ISRO)
Ordance Parachute Factory (OPF)	Ordance Equipment Factory (OEF)
Directorate General of Quality Assurance (DGQA)	Bureau of Indian Standards (BIS)
Defence Material & Stores Research & Development Establishment (DMSRDE)	The National Small Industries Corporation Limited (NSIC)

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VIRAJ SynTex

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Our USP

- Providing both **Class 1(Shuttle Loom)** and **Class 1a & 2 (Needle Loom)** Webbings as per **MIL/PIA** Specn.
- Our Production Capacity: **Shuttle Loom** 5 Million meter/Annum, **Needle Loom** 5 Million meter/month
- Equipped with In-house complete testing lab.
- Provide quick trial small order service & flexible MOQ in assortment of webbing.
- Producing Parachute & Military Webbing for 30 Years
- Complete Vertical Integrated Manufacturing process
- Free sample available.

Our ADVANTAGES

- Team Advantage : 400+ dedicated workers & staff
- Technology Advantage : In-House Latest machines & Testing Equipments with R&D Facility
- Experience Advantage : 30+ Years & Exporting to over 45 countries
- Cost Advantage : 20 % Cost Reduction
- Delivery Advantage : 50% Faster Delivery & Guarnteed shipments in 4-6 weeks.
- Quality Advantage : 70 % Risk Reduction
- Service Advantage : 100 % Meet your Requirement

ABOUT US

The Viraj group, An ISO 9001 Certified Company & a Star Export House, was born in 1994. What started in the year 1994 as a humble beginning, with just one webbing loom and ten braiding machines, is now a sprawling manufacturing infrastructure spread over 1 million square feet - that specializes in the field of Narrow Woven Fabrics & Braided Cords & Ropes.

Viraj has a staggering monthly production capacity of manufacturing 40 million linear meters of webbing and braided ropes on a more than 50 high speed weaving looms & 150 - top of the line high speed braiding machines.

Being a vertically integrated company, we offer extensive customization every aspect of the product, whether it is design & prototype development , twisting & winding , warping, weaving, dyeing , Finishing & Coating.

Our factory floor is lined up with machines from all around the world that enables us to maintain global standards in terms of quality. Our state-of-art machinery coupled with professional knowledge and an expert team enables us to deliver the highest quality products available.

With a presence in over 50 countries and 30 years of experience, Viraj has truly become the backbone of companies - delivering highest quality products with the fastest delivery times.

Keeping up with the legacy of innovation at Viraj group, we have consistently been manufacturing over 2000 different patterns in specialty textiles. VIRAJ weaves fine denier from 70D to as coarse as 6000D yarns. We can also weave widths range from 5-300 mm and thickness range from 0.5 to 9.0 mm.

Nylon – Polyester - Kevlar® - Nomex® and Textured Nylon are just a few of the many fibers used by VIRAJ to manufacture the highest quality of woven narrow fabrics for "critical use" applications. No substitute is adequate for MIL & PIA spec webbing and tapes where high performance, process control, and complete traceability is required to maintain life support and systems.

Viraj continues to meet the demands of the parachute industry by offering both **Class 1 (critical use, Shuttle Loom) and Class 1a & Class 2 (critical use, Shuttle less/Needle Loom)** material.
Since the Parachute Industry Association (PIA) has taken control of the narrow woven fabrics, Viraj offers both Mil-Spec webbing and PIA-Spec webbing.

Regular MIL/PIA-Spec which we manufacture are:

MIL-W-4088 / PIA-W-4088 - Nylon Webbing
MIL-T-87130 - Kevlar Tape/Webbing
MIL-T-5608 / PIA-T-5608- Nylon Parachute Tape
MIL-W-17337 - Nylon Webbing
MIL-W-43668C - Textured Nylon Webbing
MIL-T-43709B - Nomex Tape
MIL-PRF-5038 (MIL-T-5038) / PIA-T-5038 - Nylon Tape
MIL-W-5625 / PIA-W-5625 - Nylon Tubular
MIL -T-6134C - Nylon Parachute Tape
A-A-55301 A - Textured Nylon Webbing
MIL-W-43685B - Nomex Tape
MIL-W-87127 - Kevlar Tape

Other MIL-Spec we manufacture are:

A-A-55242A - Polyester Webbing
MIL-W-1002C- Nylon Webbing Tub Edge
MIL-W-27265- Nylon Webbing Resin Treated
MIL-W-2322B (SH) - Nylon Webbing Slotted
MIL-W-530B- Cotton Webbing
MIL-B-371F - Cotton Tubular
MIL -C-43701B - Nylon or Polyester Cord Elastic

In 2020, Viraj Syntex was awarded a contract to develop Para Aramid Tapes, Webbings & Braided Cords for Parachute to be used in Gaganyaan , first mission by the Indian Space Research Organization to send a three-member crew to space by 2025.

As a result of Viraj strong commitment to quality, the company has developed a top rate lab testing facility. Test reports and certificates of conformance as per specifications are available upon request.

Thanks to the skilled , experienced & certified workforce of over 400 men & women having technical knowledge - running every aspect of production, the Viraj group is well equipped to meet any and all sorts of unique and custom product requirements.

CLASS 1 (Shuttle loom)
5 Million meter/annum

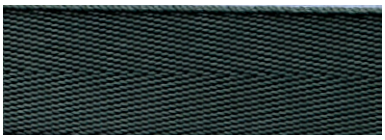
CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

MIL/PIA-Spec

Tape, nylon, 9/16 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9000
Our Item Code For Needle Loom: NWF-PIA-1101

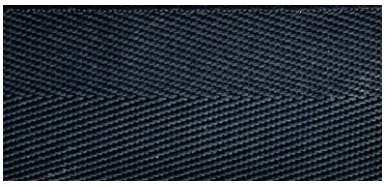
PIA-W-4088 Type I



- Herringbone Twill Weave
- Thickness: 0.025-0.040 inch
- Tensile strength: min. 500 lbs
- Shade: Foliage Green

Tape, nylon, 3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9001
Our Item Code For Needle Loom: NWF-PIA-1102

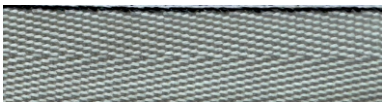
PIA-W-4088 Type Ia



- Herringbone Twill Weave
- Thickness: max. 0.025-0.035 inch
- Tensile strength: min. 600 lbs
- Shade: Black

Tape, nylon, 3/8 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9002
Our Item Code For Needle Loom: NWF-PIA-1311

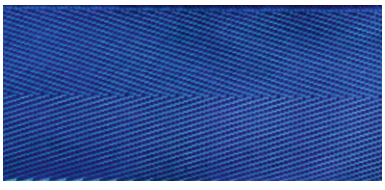
PIA-W-4088 Type Ib



- Herringbone Twill Weave
- Thickness: 0.025-0.040 inch
- Tensile strength: min. 340 lbs
- Shade: Natural

Tape, nylon, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9003
Our Item Code For Needle Loom: NWF-PIA-1103

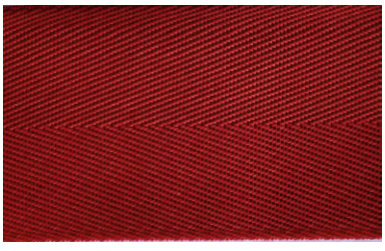
PIA-W-4088 Type II



- Herringbone Twill Weave
- Thickness: 0.025-0.040 inch
- Tensile strength: min. 600 lbs
- Shade: Blue

Tape, nylon, 1-1/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9004
Our Item Code For Needle Loom: NWF-PIA-1104

PIA-W-4088 Type III



- Herringbone Twill Weave
- Thickness: 0.025-0.040 inch
- Tensile strength: min. 800 lbs
- Shade: Blood Red

Tape, nylon, 3 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9005
Our Item Code For Needle Loom: NWF-PIA-1105

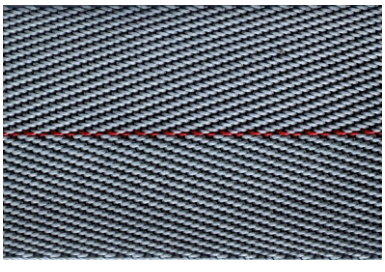
PIA-W-4088 Type IV



- Herringbone Twill Weave
- Thickness: 0.25-0.040 inch
- Tensile strength: min. 1800 lbs
- Shade: Khakhi

Tape, nylon, 1-23/32 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9006
Our Item Code For Needle Loom: NWF-PIA-1106

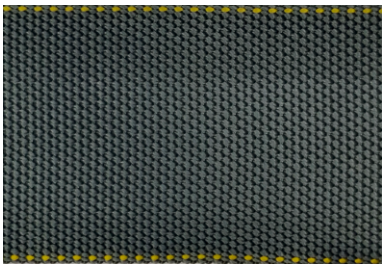
PIA-W-4088 Type VI



- Herringbone Twill Weave
- Thickness: 0.030-0.050 inch
- Tensile strength: min. 2500 lbs
- Shade: Steel Grey

Tape, nylon, 1-23/32 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9007
Our Item Code For Needle Loom: NWF-PIA-1107

PIA-W-4088 Type VII



- Double Plain weave
- Thickness: 0.060-0.100 inch
- Tensile strength: min. 6000 lbs
- Shade: Foliage Green

Above Tapes & Webbings can be Supplied in any shades
with **Resin** Treatment as per **MIL-W-27265 E Class R**

CLASS 1 (Shuttle loom)
5 Million meter/annum

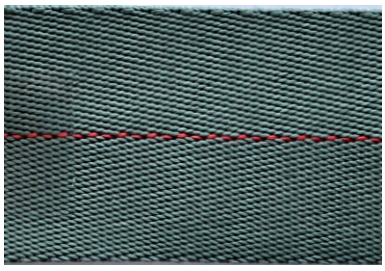
CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

MIL/PIA-Spec

Tape, nylon, 1-23/32 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9008
Our Item Code For Needle Loom: NWF-PIA-1108

PIA-W-4088 Type VIII



- Herringbone Twill Weave
- Thickness: 0.040-0.070 inch
- Tensile strength: min. 4000 lbs
- Shade: Foliage Green

Tape, nylon, 3 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9009
Our Item Code For Needle Loom: NWF-PIA-1109

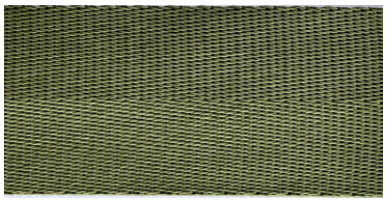
PIA-W-4088 Type VIIIa



- Herringbone Twill Weave
- Thickness: 0.040-0.070 inch
- Tensile strength: min. 6300 lbs
- Shade: Black

Tape, nylon, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9010
Our Item Code For Needle Loom: NWF-PIA-1110

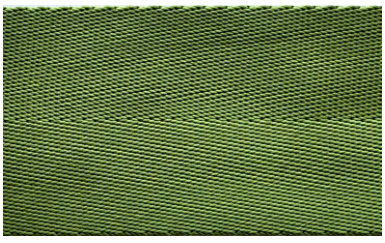
PIA-W-4088 Type VIIIb



- Herringbone Twill Weave
- Thickness: 0.040-0.070 inch
- Tensile strength: min. 4500 lbs
- Shade: Olive Drab

Tape, nylon, 2-1/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9011
Our Item Code For Needle Loom: NWF-PIA-1111

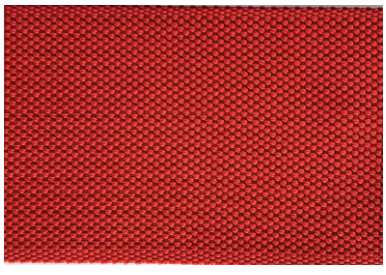
PIA-W-4088 Type VIIIc



- Herringbone Twill Weave
- Thickness: 0.040-0.070 inch
- Tensile strength: min. 5300 lbs
- Shade: Olive Green

Tape, nylon, 3 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9012
Our Item Code For Needle Loom: NWF-PIA-1112

PIA-W-4088 Type IX



- Double Plain weave
- Thickness: 0.065-0.100 inch
- Tensile strength: min. 9000 lbs
- Shade: Red

Tape, nylon, 1-23/32 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9013
Our Item Code For Needle Loom: NWF-PIA-1113

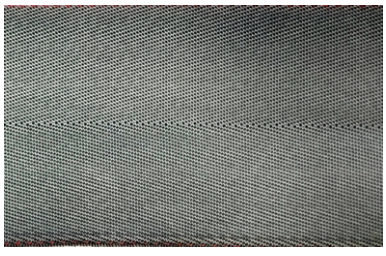
PIA-W-4088 Type X



- Double Plain weave
- Thickness: 0.105-0.140 inch
- Tensile strength: min. 9500 lbs
- Shade: Black

Tape, nylon, 1-23/32 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9014
Our Item Code For Needle Loom: NWF-PIA-1114

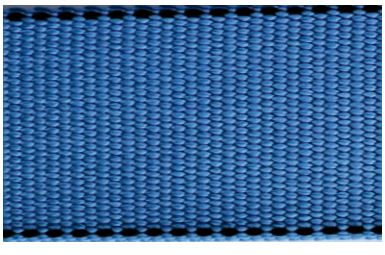
PIA-W-4088 Type XII



- Herringbone Twill Weave
- Thickness: 0.025-0.040 inch
- Tensile strength: min. 1200 lbs
- Shade: Foliage Green

Tape, nylon, 1-23/32 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9015
Our Item Code For Needle Loom: NWF-PIA-1115

PIA-W-4088 Type XIII



- Double Plain weave
- Thickness: 0.080-0.120 inch
- Tensile strength: min. 7000 lbs
- Shade: Royal Blue

Above Tapes & Webbings can be Supplied in any shades
with **Resin** Treatment as per **MIL-W-27265 E Class R**

CLASS 1 (Shuttle loom)
5 Million meter/annum

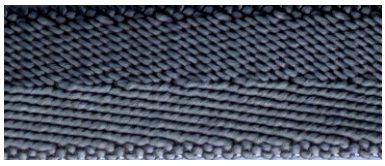
CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

MIL/PIA-Spec

Tape, nylon, 1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9016
Our Item Code For Needle Loom: NWF-PIA-1116

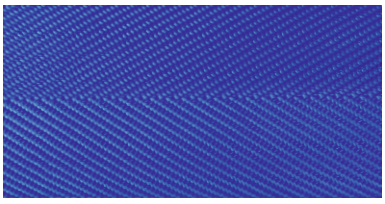
PIA-W-4088 Type XIV



- Herringbone Twill Weave
- Thickness: 0.070-0.100 inch
- Tensile strength: min. 1200 lbs
- Shade: Steel Grey

Tape, nylon, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9017
Our Item Code For Needle Loom: NWF-PIA-1117

PIA-W-4088 Type XV



- Herringbone Twill Weave
- Thickness: 0.035-0.050 inch
- Tensile strength: min. 1500 lbs
- Shade: Blue

Tape, nylon, 1-23/32 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9018
Our Item Code For Needle Loom: NWF-PIA-1118

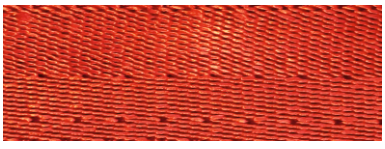
PIA-W-4088 Type XVI



- Herringbone Twill Weave
- Thickness: 0.045-0.080 inch
- Tensile strength: min. 4500 lbs
- Shade: Black

Tape, nylon, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9019
Our Item Code For Needle Loom: NWF-PIA-1119

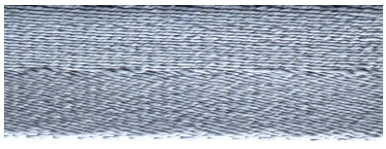
PIA-W-4088 Type XVII



- Herringbone Twill Weave
- Thickness: 0.045-0.070 inch
- Tensile strength: min. 2500 lbs
- Shade: Red

Tape, nylon, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9020
Our Item Code For Needle Loom: NWF-PIA-1120

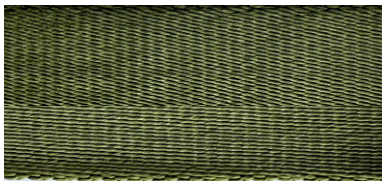
PIA-W-4088 Type XVIII



- Herringbone Twill Weave
- Thickness: 0.100-0.160 inch
- Tensile strength: min. 6000 lbs
- Shade: Steel Grey

Tape, nylon, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9021
Our Item Code For Needle Loom: NWF-PIA-1121

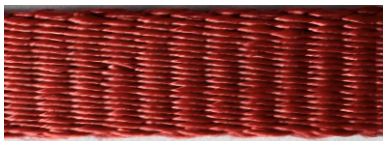
PIA-W-4088 Type XIX



- Herringbone Twill Weave
- Thickness: 0.100-0.130 inch
- Tensile strength: min. 10,000 lbs
- Shade: Olive Drab

Tape, nylon, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9022
Our Item Code For Needle Loom: NWF-PIA-1122

PIA-W-4088 Type XX



- Cross Section Filling
- Thickness: 0.170-0.210 inch
- Tensile strength: min. 9000 lbs
- Shade: Red

Tape, nylon, 1-1/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9023
Our Item Code For Needle Loom: NWF-PIA-1123

PIA-W-4088 Type XXI



- Herringbone Twill Weave
- Thickness: 0.065-0.085 inch
- Tensile strength: min. 3600 lbs
- Shade: Olive Drab

Above Tapes & Webbings can be Supplied in any shades
with **Resin** Treatment as per **MIL-W-27265 E Class R**

CLASS 1 (Shuttle loom)
5 Million meter/annum

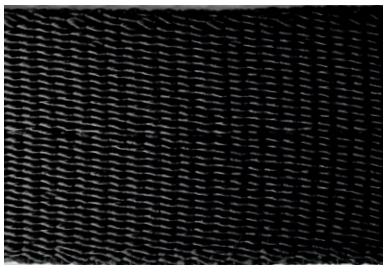
CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

MIL/PIA-Spec

Tape, nylon, 1-23/32 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9024
Our Item Code For Needle Loom: NWF-PIA-1124

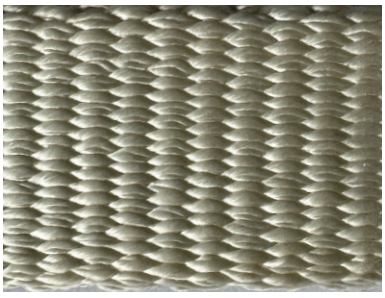
PIA-W-4088 Type XXII



- Double Plain weave
- Thickness: 0.090-0.120 inch
- Tensile strength: min. 9500 lbs
- Shade: Black

Tape, nylon, 1-1/8 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9025
Our Item Code For Needle Loom: NWF-PIA-1125

PIA-W-4088 Type XXIII



- Cross Section Filling weave
- Thickness: 0.200-0.300 inch
- Tensile strength: min. 12000 lbs
- Shade: Natural

Tape, nylon, 1-15/16 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9026
Our Item Code For Needle Loom: NWF-PIA-1126

PIA-W-4088 Type XXIV



- HBT (herringbone twill) weave
- Thickness: 0.055-0.075 inch
- Tensile strength: min. 5500 lbs
- Shade: Black

Tape, nylon, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9027
Our Item Code For Needle Loom: NWF-PIA-1127

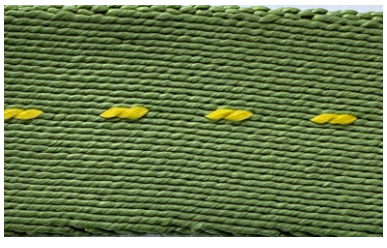
PIA-W-4088 Type XXV



- Double Plain weave
- Thickness: 0.080-0.125 inch
- Tensile strength: min. 4500 lbs
- Shade: Olive Drab

Tape, nylon, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9028
Our Item Code For Needle Loom: NWF-PIA-1128

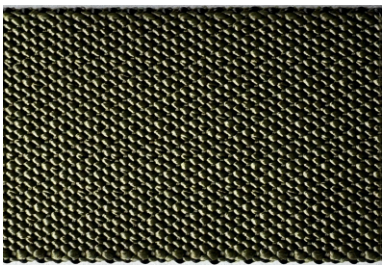
PIA-W-4088 Type XXVI



- Twill weave
- Thickness: 0.150-0.180 inch
- Tensile strength: min. 15000 lbs
- Shade: Olive Green

Tape, nylon, 1-23/32 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9029
Our Item Code For Needle Loom: NWF-PIA-1129

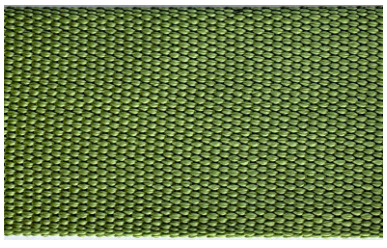
PIA-W-4088 Type XXVII



- Cross Section Filling weave
- Thickness: 0.085-0.110 inch
- Tensile strength: min. 6500 lbs
- Shade: Olive Drab

Tape, nylon, 2-1/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9030
Our Item Code For Needle Loom: NWF-PIA-1130

PIA-W-4088 Type XXVIII



- Double Plain weave
- Thickness: 0.080-0.110 inch
- Tensile strength: min. 8700 lbs
- Shade: Olive Green



Above Tapes & Webbings can be Supplied in any shades
with **Resin** Treatment as per **MIL-W-27265 E Class R**

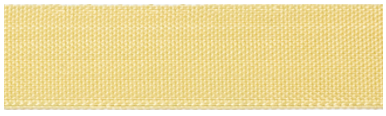
CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

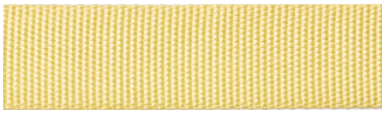
MIL/PIA-Spec

Tape, Para-Aramid, 1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9031
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type I



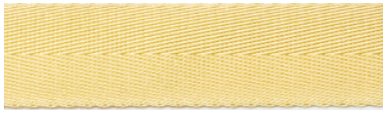
- Plain weave
- Thickness: N/A
- Tensile strength: min. 250 lbs
- Shade: Yellow

Tape, Para-Aramid, 1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9032
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type I



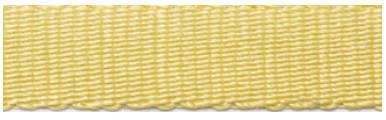
- Plain weave
- Thickness: N/A
- Tensile strength: min. 550 lbs
- Shade: Yellow

Tape, Para-Aramid, 1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9033
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type I



- 1/3 Twill Central Reversal weave
- Thickness: N/A
- Tensile strength: min. 800 lbs
- Shade: Yellow

Tape, Para-Aramid, 1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9034
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type I



- Double Plain weave
- Thickness: N/A
- Tensile strength: min. 3500 lbs
- Shade: Yellow

Tape, Para-Aramid, 9/16 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9035
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type II



- Plain weave
- Thickness: N/A
- Tensile strength: min. 500 lbs
- Shade: Yellow

Tape, Para-Aramid, 9/16 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9036
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type II



- Plain weave
- Thickness: N/A
- Tensile strength: min. 700 lbs
- Shade: Yellow

Tape, Para-Aramid, 3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9037
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type IV



- Plain weave
- Thickness: N/A
- Tensile strength: min. 500 lbs
- Shade: Yellow

Tape, Para-Aramid, 3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9038
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type IV



- Plain weave
- Thickness: N/A
- Tensile strength: min. 3000 lbs
- Shade: Yellow

We use DuPont, **Kevlar** Yarn & can also provide yarn traceability report.
We can also supply above items in Para-Aramid yarns of Teijin, **Twaron/Technora** & Hyosung, **Alkex**.

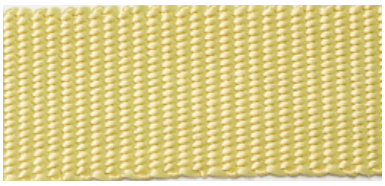
CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

MIL/PIA-Spec

Tape, Para-Aramid, 3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9039
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type IV



- Plain weave
- Thickness: N/A
- Tensile strength: min. 4500 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9040
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



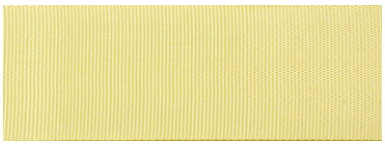
- Plain weave
- Thickness: N/A
- Tensile strength: min. 371 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9041
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



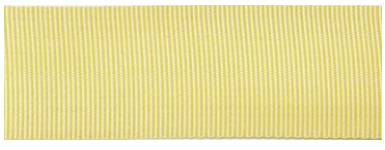
- Plain weave
- Thickness: N/A
- Tensile strength: min. 525 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9042
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



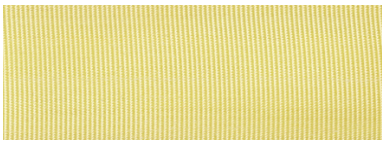
- Plain weave
- Thickness: N/A
- Tensile strength: min. 750 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9043
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



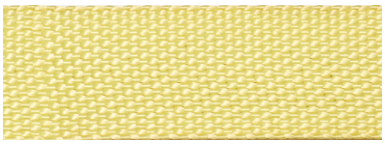
- Plain weave
- Thickness: N/A
- Tensile strength: min. 1000 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9044
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



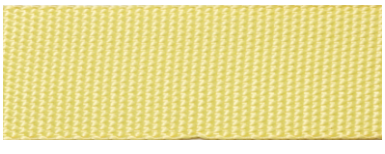
- Plain weave
- Thickness: N/A
- Tensile strength: min. 1500 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9045
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



- Plain weave
- Thickness: N/A
- Tensile strength: min. 2500 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9046
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



- Plain weave
- Thickness: N/A
- Tensile strength: min. 2400 lbs
- Shade: Yellow

We use DuPont, **Kevlar** Yarn & can also provide yarn traceability report.
We can also supply above items in Para-Aramid yarns of Teijin, **Twaron/Technora** & Hyosung, **Alkex**.

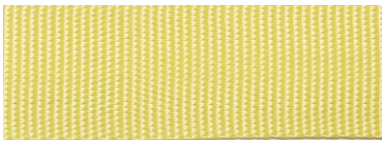
CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

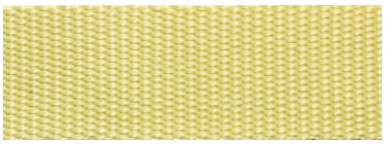
MIL/PIA-Spec

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9047
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



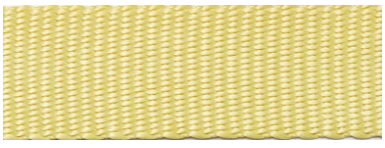
- Plain weave
- Thickness: N/A
- Tensile strength: min. 3000 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9048
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



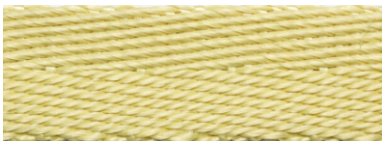
- Plain weave
- Thickness: N/A
- Tensile strength: min. 4000 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9049
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



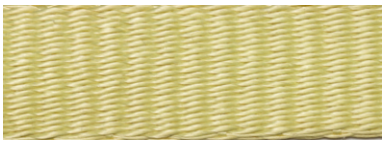
- Herringbone Twill Weave
- Thickness: N/A
- Tensile strength: min. 6000 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9050
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



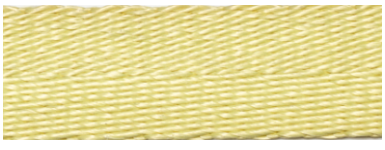
- 51/15 Center Reversal weave
- Thickness: N/A
- Tensile strength: min. 7000 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9051
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



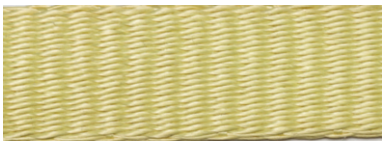
- Plain weave
- Thickness: N/A
- Tensile strength: min. 6000 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9052
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



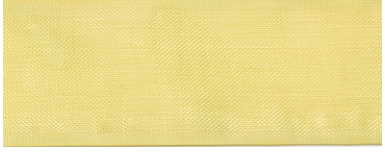
- Herringbone Twill Weave
- Thickness: N/A
- Tensile strength: min. 9500 lbs
- Shade: Yellow

Tape, Para-Aramid, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9053
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VI



- Plain weave
- Thickness: N/A
- Tensile strength: min. 12500 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-1/8 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9054
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VII



- Plain weave
- Thickness: N/A
- Tensile strength: min. 1100 lbs
- Shade: Yellow

We use DuPont, **Kevlar** Yarn & can also provide yarn traceability report.
We can also supply above items in Para-Aramid yarns of Teijin, **Twaron/Technora** & Hyosung, **Alkex**.

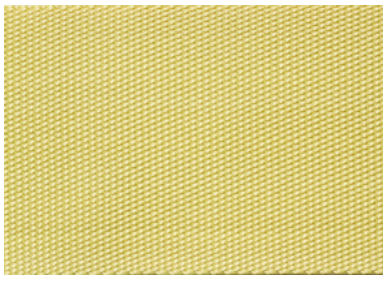
CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

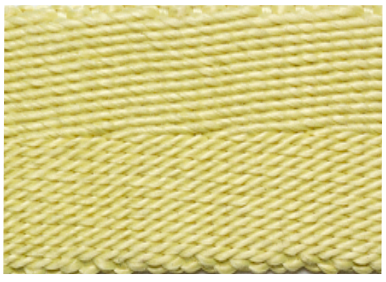
MIL/PIA-Spec

Tape, Para-Aramid, 1-1/8 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9055
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VII



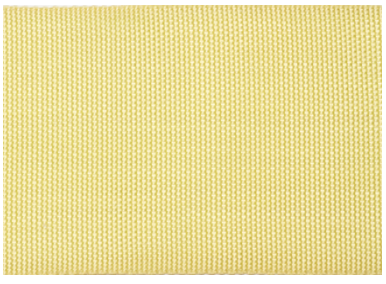
- Plain weave
- Thickness: N/A
- Tensile strength: min. 2750 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-1/8 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9056
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VII



- Herringbone 5/1 Twill Weave
- Thickness: N/A
- Tensile strength: min. 13500 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-1/8 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9057
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type VIII



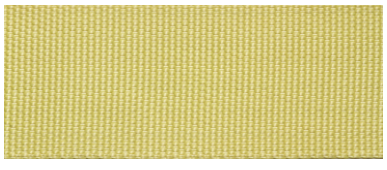
- Plain weave
- Thickness: N/A
- Tensile strength: min. 800 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9058
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type IX



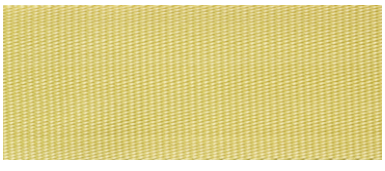
- Plain weave
- Thickness: N/A
- Tensile strength: min. 500 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9059
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type IX



- Plain weave
- Thickness: N/A
- Tensile strength: min. 1100 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9060
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type IX



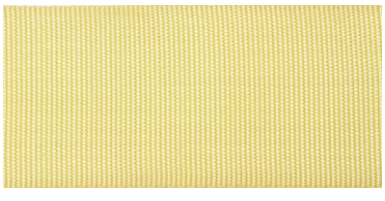
- Plain weave
- Thickness: N/A
- Tensile strength: min. 3000 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9061
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type X



- Plain weave
- Thickness: N/A
- Tensile strength: min. 1000 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9062
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type X



- Plain weave
- Thickness: N/A
- Tensile strength: min. 1200 lbs
- Shade: Yellow

We use DuPont, **Kevlar** Yarn & can also provide yarn traceability report.
We can also supply above items in Para-Aramid yarns of Teijin, **Twaron/Technora** & Hyosung, **Alkex**.

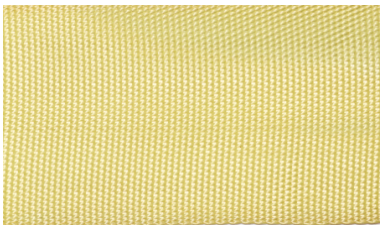
CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

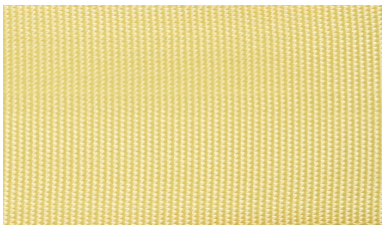
MIL/PIA-Spec

Tape, Para-Aramid, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9063
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type X



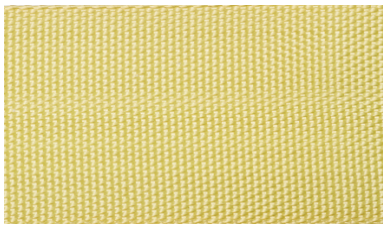
- Plain weave
- Thickness: N/A
- Tensile strength: min. 2500 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9064
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type X



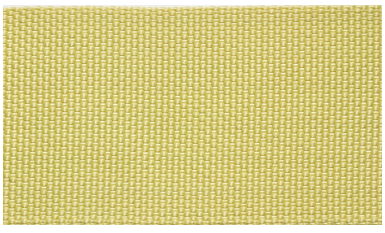
- Plain weave
- Thickness: N/A
- Tensile strength: min. 3000 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9065
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type X



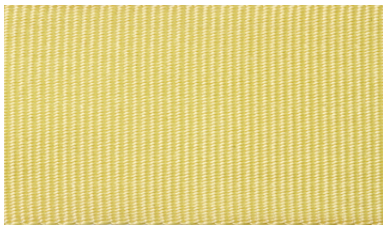
- Plain weave
- Thickness: N/A
- Tensile strength: min. 4000 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9066
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type X



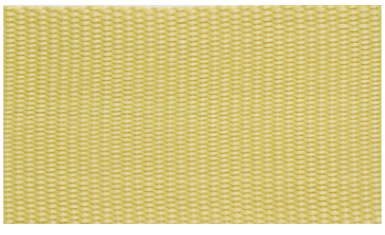
- Plain weave
- Thickness: N/A
- Tensile strength: min. 4500 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9067
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type X



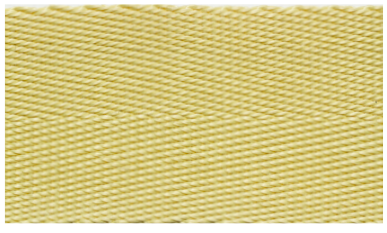
- Plain weave
- Thickness: N/A
- Tensile strength: min. 6500 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9068
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type X



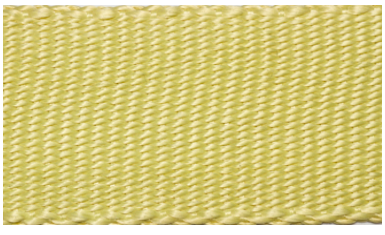
- Plain weave
- Thickness: N/A
- Tensile strength: min. 8000 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9069
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type X



- Herringbone 2x2 Twill Weave
- Thickness: N/A
- Tensile strength: min. 10000 lbs
- Shade: Yellow

Tape, Para-Aramid, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9070
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type X



- Double Plain weave
- Thickness: N/A
- Tensile strength: min. 15000 lbs
- Shade: Yellow

We use DuPont, **Kevlar** Yarn & can also provide yarn traceability report.
We can also supply above items in Para-Aramid yarns of Teijin, **Twaron/Technora** & Hyosung, **Alkex**.

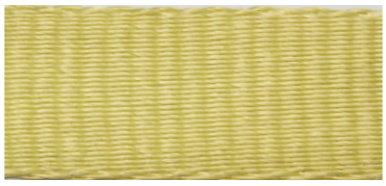
CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

MIL/PIA-Spec

Tape, Para-Aramid, 1-3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9071
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type X



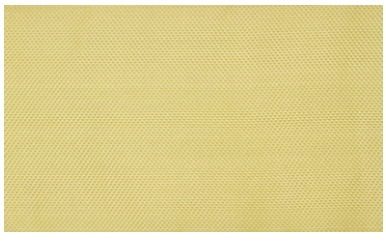
- Double Plain weave
- Thickness: N/A
- Tensile strength: min. 20000 lbs
- Shade: Yellow

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9072
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



- Plain 1 weave
- Thickness: N/A
- Tensile strength: min. 400 lbs
- Shade: Yellow

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9073
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



- Plain weave
- Thickness: N/A
- Tensile strength: min. 600 lbs
- Shade: Yellow

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9074
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



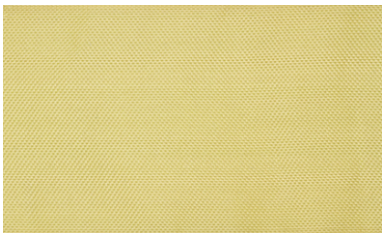
- Plain weave
- Thickness: N/A
- Tensile strength: min. 800 lbs
- Shade: Yellow

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9075
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



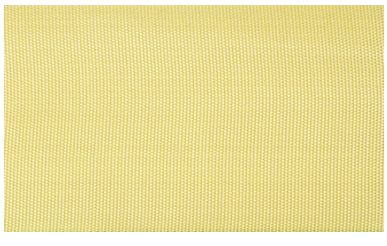
- Plain weave
- Thickness: N/A
- Tensile strength: min. 1000 lbs
- Shade: Yellow

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9076
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



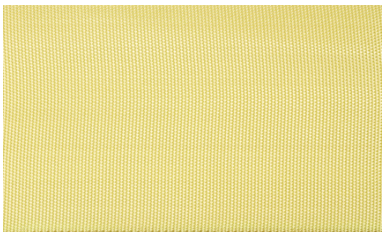
- Plain weave
- Thickness: N/A
- Tensile strength: min. 1000 lbs
- Shade: Yellow

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9077
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



- Plain weave
- Thickness: N/A
- Tensile strength: min. 1500 lbs
- Shade: Yellow

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9078
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



- Plain weave
- Thickness: N/A
- Tensile strength: min. 2000 lbs
- Shade: Yellow

We use DuPont, **Kevlar** Yarn & can also provide yarn traceability report.
We can also supply above items in Para-Aramid yarns of Teijin, **Twaron/Technora** & Hyosung, **Alkex**.

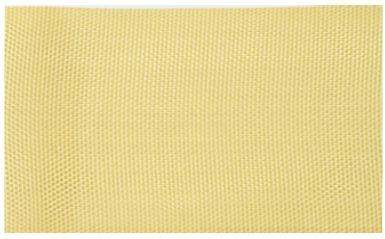
CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

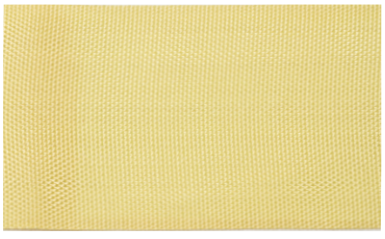
MIL/PIA-Spec

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9079
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



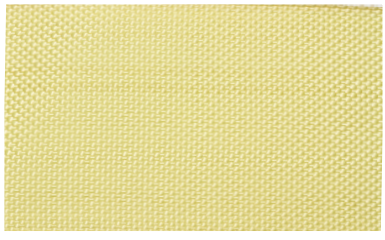
- Plain weave
- Thickness: N/A
- Tensile strength: min. 2500 lbs
- Shade: Yellow

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9080
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



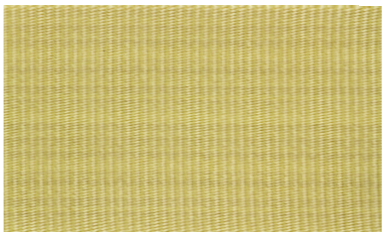
- Plain weave
- Thickness: N/A
- Tensile strength: min. 3000 lbs
- Shade: Yellow

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9081
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



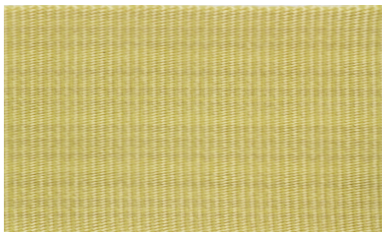
- Plain weave
- Thickness: N/A
- Tensile strength: min. 4000 lbs
- Shade: Yellow

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9082
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



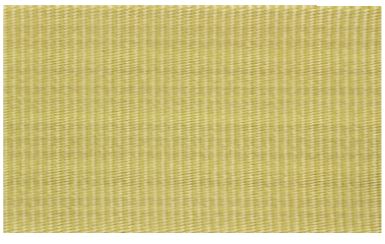
- Plain weave
- Thickness: N/A
- Tensile strength: min. 5000 lbs
- Shade: Yellow

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9083
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



- Plain weave
- Thickness: N/A
- Tensile strength: min. 6000 lbs
- Shade: Yellow

Tape, Para-Aramid, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9084
Our Item Code For Needle Loom: N/A
PIA-T-87130 Type XI



- Plain weave
- Thickness: N/A
- Tensile strength: min. 8000 lbs
- Shade: Yellow

We use DuPont, **Kevlar** Yarn & can also provide yarn traceability report. We can also supply above items in Para-Aramid yarns of Teijin,**Twaron/Technora** & Hyosung, **Alkex**.



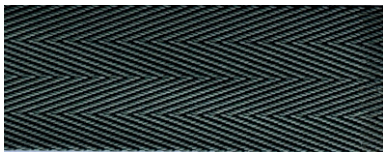
CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

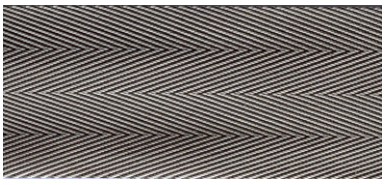
MIL/PIA-Spec

Tape, nylon, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9092
Our Item Code For Needle Loom: NWF-PIA-1256
PIA-T-5038 Type II



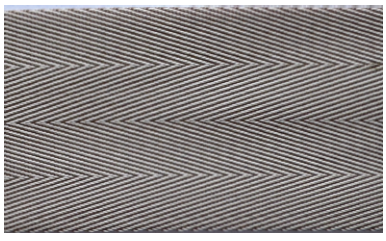
- Herringbone Twill Weave
- Thickness: 0.025-0.035 inch
- Tensile strength: min. 900 lbs
- Shade: Foliage Green

Tape, nylon, 1-1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9093
Our Item Code For Needle Loom: NWF-PIA-1257
PIA-T-5038 Type II



- Herringbone Twill Weave
- Thickness: 0.025-0.035 inch
- Tensile strength: min. 1300 lbs
- Shade: Beige

Tape, nylon, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9094
Our Item Code For Needle Loom: NWF-PIA-1258
PIA-T-5038 Type II



- Herringbone Twill Weave
- Thickness: 0.025-0.035 inch
- Tensile strength: min. 1700 lbs
- Shade: Beige

Tape, nylon, 3/8 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9095
Our Item Code For Needle Loom: NWF-PIA-1259
PIA-T-5038 Type III



- Plain weave
- Thickness: 0.015-0.025 inch
- Tensile strength: min. 200 lbs
- Shade: Foliage Green

Tape, nylon, 1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9096
Our Item Code For Needle Loom: NWF-PIA-1260
PIA-T-5038 Type III



- Plain weave
- Thickness: 0.015-0.025 inch
- Tensile strength: min. 250 lbs
- Shade: Foliage Green

Tape, nylon, 3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9097
Our Item Code For Needle Loom: NWF-PIA-1261
PIA-T-5038 Type III



- Plain weave
- Thickness: 0.015-0.025 inch
- Tensile strength: min. 400 lbs
- Shade: Foliage Green

Tape, nylon, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9098
Our Item Code For Needle Loom: NWF-PIA-1262
PIA-T-5038 Type III



- Plain weave
- Thickness: 0.015-0.025 inch
- Tensile strength: min. 525 lbs
- Shade: Foliage Green

Tape, nylon, 1-1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9099
Our Item Code For Needle Loom: NWF-PIA-1263
PIA-T-5038 Type III



- Plain weave
- Thickness: 0.015-0.025 inch
- Tensile strength: min. 850 lbs
- Shade:Foliage Green

Above Tapes & Webbings can be Supplied in any shades
with **Resin** Treatment as per **MIL-W-27265 E Class R**

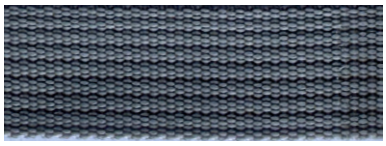
CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

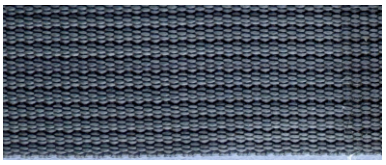
MIL/PIA-Spec

Tape, nylon, 1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9100
Our Item Code For Needle Loom: NWF-PIA-1264
PIA-T-5038 Type IV



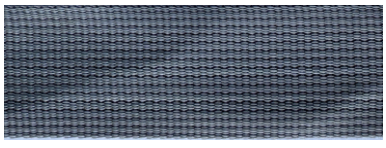
- Plain weave
- Thickness: 0.030-0.040 inch
- Tensile strength: min. 550 lbs
- Shade: Steel Grey

Tape, nylon, 5/8 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9101
Our Item Code For Needle Loom: NWF-PIA-1265
PIA-T-5038 Type IV



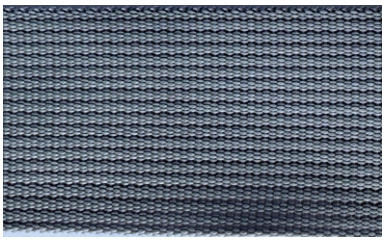
- Plain weave
- Thickness: 0.030-0.040 inch
- Tensile strength: min. 625 lbs
- Shade: Steel Grey

Tape, nylon, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9102
Our Item Code For Needle Loom: NWF-PIA-1266
PIA-T-5038 Type IV



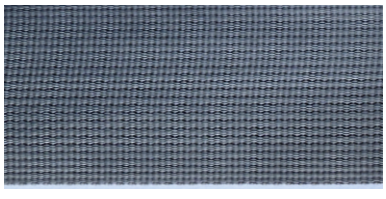
- Plain weave
- Thickness: 0.030-0.040 inch
- Tensile strength: min. 1000 lbs
- Shade: Steel Grey

Tape, nylon, 1-1/8 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9103
Our Item Code For Needle Loom: NWF-PIA-1267
PIA-T-5038 Type IV



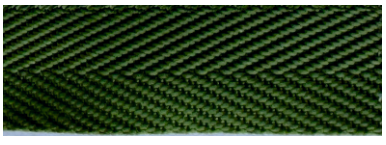
- Plain weave
- Thickness: 0.030-0.040 inch
- Tensile strength: min. 1100 lbs
- Shade: Steel Grey

Tape, nylon, 1-1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9104
Our Item Code For Needle Loom: NWF-PIA-1268
PIA-T-5038 Type IV



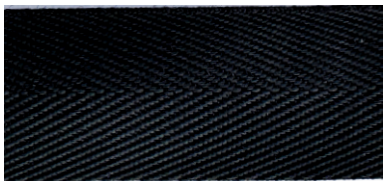
- Plain weave
- Thickness: 0.030-0.040 inch
- Tensile strength: min. 1500 lbs
- Shade: Steel Grey

Tape, nylon, 9/16 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9105
Our Item Code For Needle Loom: NWF-PIA-1269
PIA-T-5038 Type V



- Herringbone Twill Weave
- Thickness: 0.020-0.030 inch
- Tensile strength: min. 500 lbs
- Shade: Olive Green

Tape, nylon, 3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9106
Our Item Code For Needle Loom: NWF-PIA-1270
PIA-T-5038 TypeVI



- Herringbone Twill Weave
- Thickness: 0.020-0.030 inch
- Tensile strength: min. 425 lbs
- Shade: Black

Tape, nylon, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9107
Our Item Code For Needle Loom: N/A
PIA-T-5038 Type VII



- Plain weave
- Thickness: 0.012-0.020 inch
- Tensile strength: min. 325 lbs
- Shade: Olive Green

Above Tapes & Webbings can be Supplied in any shades
with **Resin** Treatment as per **MIL-W-27265 E Class R**

CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

MIL/PIA-Spec

Tape, nylon, 3/8 inch wide
Our Item Code For Shuttle Loom: NW S-PIA-9085
Our Item Code For Needle Loom: NWF-PIA-1131
PIA-W-5625



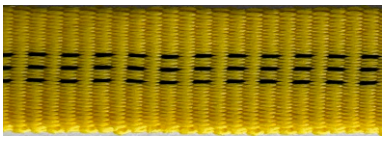
- Tubular, Plain weave
- Thickness: max. 0.090 inch
- Tensile strength: min. 950 lbs
- Shade: Natural

Tape, nylon, 1/2 inch wide
Our Item Code For Shuttle Loom: NW S-PIA-9086
Our Item Code For Needle Loom: NWF-PIA-1132
PIA-W-5625



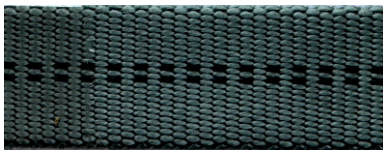
- Tubular, Plain weave
- Thickness: max. 0.090 inch
- Tensile strength: min. 1000 lbs
- Shade: Brown

Tape, nylon, 9/16 inch wide
Our Item Code For Shuttle Loom: NW S-PIA-9087
Our Item Code For Needle Loom: NWF-PIA-1133
PIA-W-5625



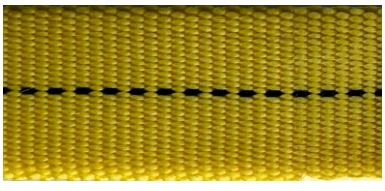
- Tubular, Plain weave
- Thickness: max. 0.090 inch
- Tensile strength: min. 1500 lbs
- Shade: Yellow

Tape, nylon, 5/8 inch wide
Our Item Code For Shuttle Loom: NW S-PIA-9088
Our Item Code For Needle Loom: NWF-PIA-1134
PIA-W-5625



- Tubular, Plain weave
- Thickness: max. 0.100 inch
- Tensile strength: min. 2250 lbs
- Shade: Foliage Green

Tape, nylon, 3/4 inch wide
Our Item Code For Shuttle Loom: NW S-PIA-9089
Our Item Code For Needle Loom: NWF-PIA-1135
PIA-W-5625



- Tubular, Plain weave
- Thickness: max. 0.120 inch
- Tensile strength: min. 2300 lbs
- Shade: Golden Yellow

Tape, nylon, 7/8 inch wide
Our Item Code For Shuttle Loom: NW S-PIA-9090
Our Item Code For Needle Loom: NWF-PIA-1136
PIA-W-5625



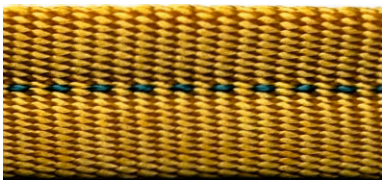
- Tubular, Plain weave
- Thickness: max. 0.120 inch
- Tensile strength: min. 3100 lbs
- Shade: Black

Tape, nylon, 1 inch wide
Our Item Code For Shuttle Loom: NW S-PIA-9091
Our Item Code For Needle Loom: NWF-PIA-1137
PIA-W-5625



- Tubular, Plain weave
- Thickness: max. 0.120 inch
- Tensile strength: min. 4000 lbs
- Shade: Foliage Green

Webbing , nylon, Tube Edge, 3/4 inches wide
Our Item Code For Shuttle Loom: NA
Our Item Code For Needle Loom: NWF-PIA-1314
PIA-W-1002

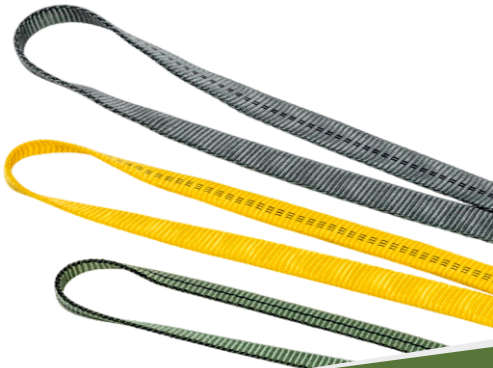


- Double plain weave, tubular edges
- Thickness: 0.136 ± 0.017 inch
- Tensile strength: min. 4000 lbs
- Shade: Golden Yellow

Tape, nylon, multiple(5) tubula, 1-1/2 inches wide
Our Item Code For Shuttle Loom: NA
Our Item Code For Needle Loom: NWF-PIA-1251
PIA-T-5666



- Plain weave, multiple(5) tubular
- Thickness: 0.020 - 0.025 inch
- Tensile strength: min. 500 lbs
- Shade: Olive Green



CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

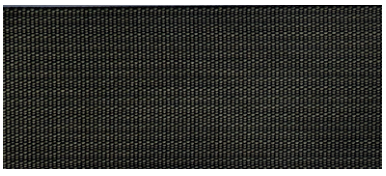
MIL/PIA-Spec

Tape, nylon, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9110
Our Item Code For Needle Loom: NWF-PIA-1215
PIA-W-17337



- Double Plain weave
- Thickness: 0.038-0.050 inch
- Tensile strength: min. 1200 lbs
- Shade: Ranger Green

Tape, nylon, 1-1/2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9111
Our Item Code For Needle Loom: NWF-PIA-1216
PIA-W-17337



- Double Plain weave
- Thickness: 0.038-0.050 inch
- Tensile strength: min. 1800 lbs
- Shade: Ranger Green

Tape, nylon, 2 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9112
Our Item Code For Needle Loom: NWF-PIA-1217
PIA-W-17337



- Double Plain weave
- Thickness: 0.038-0.050 inch
- Tensile strength: min. 2200 lbs
- Shade: Ranger Green

Tape, nylon, 3 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-9113
Our Item Code For Needle Loom: NWF-PIA-1218
PIA-W-17337



- Double Plain weave
- Thickness: 0.038-0.050 inch
- Tensile strength: min. 3200 lbs
- Shade: Black

Above Tapes & Webbings can be Supplied in any shades
with **Resin** Treatment as per **MIL-W-27265 E Class R**

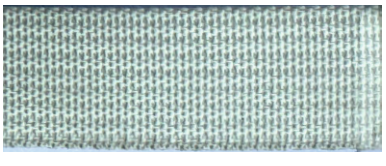
Nylon Webbing & Tapes
A-A-55301

Tape, nylon, 1 inch wide
Our Item Code For Shuttle Loom: N/A
Our Item Code For Needle Loom: NWF-1233
PIA-W-17337



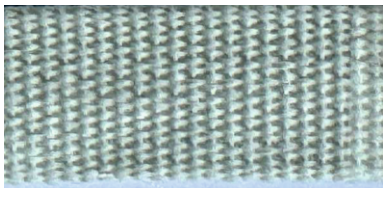
- Double Plain weave
- Thickness: 0.046+0.007 inch
- Tensile strength: min. 1000 lbs
- Shade: Natural

Tape, nylon, 3/4 inch wide
Our Item Code For Shuttle Loom: N/A
Our Item Code For Needle Loom: NWF-1235
PIA-W-17337



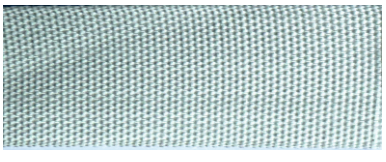
- Double Plain weave
- Thickness: 0.055-0.070 inch
- Tensile strength: min. 875 lbs
- Shade: Natural

Tape, nylon, 5/8 inch wide
Our Item Code For Shuttle Loom: N/A
Our Item Code For Needle Loom: NWF-1236
PIA-W-17337



- Double Plain weave
- Thickness: 0.038-0.050 inch
- Tensile strength: min. 625 lbs
- Shade: Natural

Tape, nylon, 1-1/2 inch wide
Our Item Code For Shuttle Loom: N/A
Our Item Code For Needle Loom: NWF-1237
PIA-W-17337



- Double Plain weave
- Thickness: 0.046±0.007 inch
- Tensile strength: min. 1500 lbs
- Shade: Natural

Tape, Elastic 1/2 inch wide
Our Item Code For Shuttle Loom: N/A
Our Item Code For Needle Loom: NWF-PIA-C-1181

PIA-W-5664 Type I



- Plain weave
- Thickness: 0.016-0.046 inch
- Elg.(%): 50 (load 1.35-3.75 Pound)
- Shade: Black

Tape, Elastic 3/4 inch wide
Our Item Code For Shuttle Loom: N/A
Our Item Code For Needle Loom: NWF-PIA-C-1182

PIA-W-5664 Type I



- Plain weave
- Thickness: 0.016-0.046 inch
- Elg.(%): 50 (load 1.80-5.00 Pound)
- Shade: Black

Tape, Elastic 7/8 inch wide
Our Item Code For Shuttle Loom: N/A
Our Item Code For Needle Loom: NWF-PIA-C-1183

PIA-W-5664 Type I



- Plain weave
- Thickness: 0.016-0.046 inch
- Elg.(%): 50 (load 0.90-4.37 Pound)
- Shade: Olive Green

Tape, Elastic 1 inch wide
Our Item Code For Shuttle Loom: N/A
Our Item Code For Needle Loom: NWF-PIA-C-1184

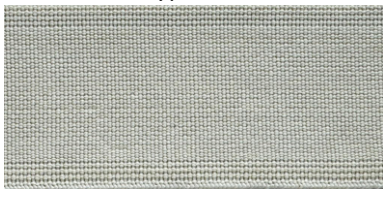
PIA-W-5664 Type I



- Plain weave
- Thickness: 0.016±0.046 inch
- Elg.(%): 50 (load 3.00-5.50 Pound)
- Shade: Black

Tape, Elastic 1-1/2 inch wide
Our Item Code For Shuttle Loom: N/A
Our Item Code For Needle Loom: NWF-PIA-C-1185

PIA-W-5664 Type I



- Plain weave
- Thickness: 0.016-0.046 inch
- Elg.(%): 50 (load 5.00-7.00 Pound)
- Shade: White

Tape, Elastic 2 inch wide
Our Item Code For Shuttle Loom: N/A
Our Item Code For Needle Loom: NWF-PIA-C-1186

PIA-W-5664 Type I



- Plain weave
- Thickness: 0.031-0.061 inch
- Elg.(%): 50 (load 6.00-11.00 Pound)
- Shade: Black

Tape, Elastic 2-1/2 inch wide
Our Item Code For Shuttle Loom: N/A
Our Item Code For Needle Loom: NWF-PIA-C-1187

PIA-W-5664 Type I



- Plain weave
- Thickness: 0.031-0.061 inch
- Elg.(%): 50 (load 8.00-12.00 Pound)
- Shade: Olive Green

Tape, Elastic 1-1/2 inch wide
Our Item Code For Shuttle Loom: N/A
Our Item Code For Needle Loom: NWF-PIA-C-1188

PIA-W-5664 Type I



- Plain weave
- Thickness: 0.094-0.156 inch
- Elg.(%): 50 (load 7.20-17.50 Pound)
- Shade: Black

CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

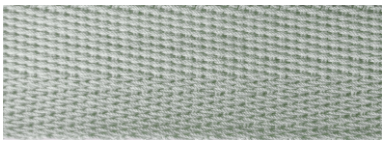
MIL/PIA-Spec

Webbing, cotton, 9/16 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-C-9000
Our Item Code For Needle Loom: NWF-PIA-C-1101
PIA-W-5665 Type I



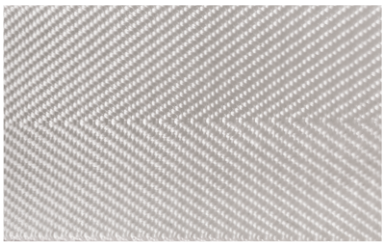
- Herringbone 2x2 Twill Weave
- Thickness: 0.040 - 0.050 inch
- Tensile strength: min. 350 lbf
- Shade: Natural

Webbing, cotton, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-C-9001
Our Item Code For Needle Loom: NWF-PIA-C-1102
PIA-W-5665 Type II



- Herringbone 2x2 Twill Weave
- Thickness: 0.040 - 0.050 inch
- Tensile strength: min. 575 lbf
- Shade: Natural

Webbing, cotton, 1-1/4 inches wide
Our Item Code For Shuttle Loom: NWFS-PIA-C-9002
Our Item Code For Needle Loom: NWF-PIA-C-1103
PIA-W-5665 Type III



- Herringbone 2x2 Twill Weave
- Thickness: 0.040 - 0.050 inch
- Tensile strength: min. 750 lbf
- Shade: Natural

Webbing, cotton, 1-3/4 inches wide
Our Item Code For Shuttle Loom: NWFS-PIA-C-9007
Our Item Code For Needle Loom: NWF-PIA-C-1106
PIA-W-5665 Type VIII



- Herringbone 2x2 Twill Weave
- Thickness: 0.070 - 0.095 inch
- Tensile strength: min. 2700 lbf
- Shade: Olive Green

Webbing, cotton, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-C-9014
Our Item Code For Needle Loom: NWF-PIA-C-1110
PIA-W-5665 Type XVII



- Herringbone 2x2 Twill Weave
- Thickness: 0.075 - 0.095 inch
- Tensile strength: min. 900 lbf
- Shade: Natural

CLASS 1 (Shuttle loom)
5 Million meter/annum

CAPACITY

CLASS 1A & 2 (Needle loom)
5 Million meter/month

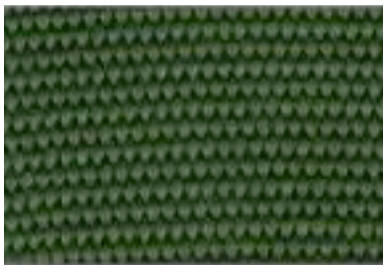
MIL/PIA-Spec

Webbing, cotton, elastic, 1 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-C-9042
Our Item Code For Needle Loom: NWF-PIA-C-1184
PIA-W-5664 Type I



- Thickness: 0.016 - 0.046 inch
- Load range: 3.00 - 5.50 lbf (to produce 50% elongation)
- Shade: Olive Drab

Webbing, cotton, hard texture, 3 inches wide
Our Item Code For Shuttle Loom: NWFS-PIA-C-9063
Our Item Code For Needle Loom: NWF-PIA-C-1121
PIA-W-530 Type II



- Plain weave
- Tensile strength: min. 810 lbf
- Shade: Olive Drab

Tape, cotton, 1/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-C-9018
Our Item Code For Needle Loom: NWF-PIA-C-1159
PIA-T-5661 Type I



- Plain weave
- Tensile strength: min. 80 lbf
- Shade: Natural

Tape, cotton, 3/4 inch wide
Our Item Code For Shuttle Loom: NWFS-PIA-C-9033
Our Item Code For Needle Loom: NWF-PIA-C-1174
PIA-T-5661 Type III



- Twill weave, 2X2
- Tensile strength: min. 75 lbf
- Shade: Olive Green

Cord, nylon, Braided, coreless
Our Item Code: BC-1102
PIA-C-5040 Type IA



*Terms/conditions apply

- Braided weave, coreless, 16 carriers
- Tensile strength: min. 100 lbf
- Elongation: min. 30%
- Shade: Natural

Cord, nylon, suspension lines, 5 cores
Our Item Code: BC-1103
PIA-C-5040 Type II





- Braided weave, 5 cores, 32 carriers
- Tensile strength: min. 400 lbf
- Elongation: min. 30%
- Shade: Natural

Cord, nylon, suspension lines, 8 cores
Our Item Code: BC-1105
PIA-C-5040 Type III





- Braided weave, 8 cores, 32 carriers
- Tensile strength: min. 550 lbf
- Elongation: min. 30%
- Shade: Natural

Cord, nylon, Braided, 11 cores
Our Item Code: BC-1106
PIA-C-5040 Type IV

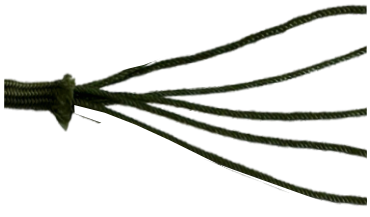




- Braided weave, 11 cores , 32 carriers
- Tensile strength: min. 750 lbs
- Elongation: min. 30%
- Shade: Natural

Cord, nylon, suspension lines, 5 cores
Our Item Code: BC-1103 OD
PIA-C-5040 Type II





- Braided weave, 5 cores, 32 carriers
- Tensile strength: min. 400 lbf
- Elongation: min. 30%
- Shade: Natural



Cord, nylon, suspension lines, 8 cores
Our Item Code: BC-1105 OD
PIA-C-5040 Type III





- Braided weave, 8 cores, 32 carriers
- Tensile strength: min. 550 lbf
- Elongation: min. 30%
- Shade: Natural



Cord, nylon, Braided, coreless
Our Item Code: BC-1109
PIA-C-7515 Type II



- Braided weave, coreless , 16 carriers
- Tensile strength: min. 550 lbs
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, Braided, coreless
Our Item Code: BC-1110
PIA-C-7515 Type III



- Braided weave, coreless , 16 carriers
- Tensile strength: min. 750 lbs
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, suspension lines, coreless
Our Item Code: BC-1112
PIA-C-7515 Type IV



- Braided weave, coreless, 16 carriers
- Tensile strength: min. 1000 lbf
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, Braided, coreless
Our Item Code: BC-1113
PIA-C-7515 Type V



- Braided weave, coreless , 16 carriers
- Tensile strength: min. 1500 lbs
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, Braided, coreless
Our Item Code: BC-1114
PIA-C-7515 Type VI



- Braided weave, coreless , 16 carriers
- Tensile strength: min. 2000 lbs
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, Braided, coreless
Our Item Code: BC-1115
PIA-C-7515 Type VII



- Braided weave, coreless , 16 carriers
- Tensile strength: min. 2500 lbs
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, Braided, coreless
Our Item Code: BC-1110 OG
PIA-C-7515 Type III



- Braided weave, coreless , 16 carriers
- Tensile strength: min. 750 lbs
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, suspension lines, coreless
Our Item Code: BC-1112 OG
PIA-C-7515 Type IV



- Braided weave, coreless, 16 carriers
- Tensile strength: min. 1000 lbf
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, Braided, Tubular, coreless
Our Item Code: BC-1122
PIA-C-17183 Type V



*Terms/conditions apply

- Braided Tub. weave, coreless , 16 carriers
- Tensile strength: min. 400 lbs
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, Braided, Tubular, coreless
Our Item Code: BC-1124
PIA-C-17183 Type VII



*Terms/conditions apply

- Braided Tub. weave, coreless , 16 carriers
- Tensile strength: min. 750 lbs
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, Braided, Tubular, coreless
Our Item Code: BC-1125
PIA-C-17183 Type VIII



- Braided Tub. weave, coreless , 16 carriers
- Tensile strength: min. 1000 lbs
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, Braided, Tubular, coreless
Our Item Code: BC-1126
PIA-C-17183 Type IX



- Braided Tub. weave, coreless , 16 carriers
- Tensile strength: min. 1250 lbs
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, Braided, Tubular, coreless
Our Item Code: BC-1127
PIA-C-17183 Type X



- Braided Tub. weave, coreless , 16 carriers
- Tensile strength: min. 1500 lbs
- Elongation: min. 20%
- Shade: Natural

Cord, nylon, Braided, Tubular, coreless
Our Item Code: BC-1129
PIA-C-17183 Type XII



- Braided Tub. weave, coreless , 16 carriers
- Tensile strength: min. 2000 lbs
- Elongation: min. 20%
- Shade: Natural

Polyester Braided Cords
T-C-2754

Cord, Polyester, Braided, coreless
Our Item Code: BC-1175
T-C-2754 Type I



- Braided weave, coreless , 24 carriers
- Tensile strength: min. 600 lbs
- Elongation: min. 7-11%
- Shade: Natural

Cord, Polyester, Braided, coreless
Our Item Code: BC-1176
T-C-2754 Type II



- Braided weave, coreless , 24 carriers
- Tensile strength: min. 1000 lbs
- Elongation: min. 7-11%
- Shade: Natural

Cord, Para-Aramid, Braided, coreless
Our Item Code: BC-1143
PIA-C-87129 Type V



*Terms/conditions apply

- Braided weave, coreless , 16 carriers
- Tensile strength: min. 500 lbs
- Elongation: N/A
- Shade: Yellow

Cord, Para-Aramid, Braided, coreless
Our Item Code: BC-1144
PIA-C-87129 Type VI



*Terms/conditions apply

- Braided weave, coreless , 16 carriers
- Tensile strength: min. 750 lbs
- Elongation: N/A
- Shade:Yellow

Cord, Para-Aramid, Braided, coreless
Our Item Code: BC-1145
PIA-C-87129 Type VII

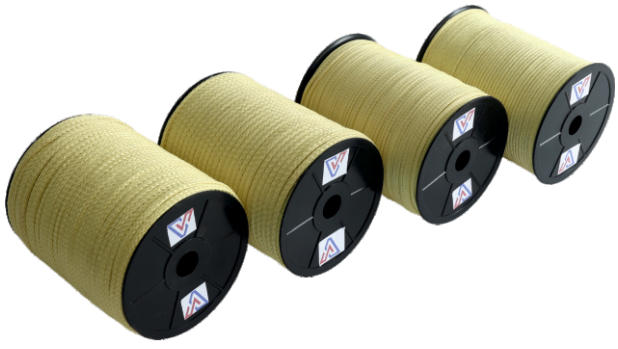


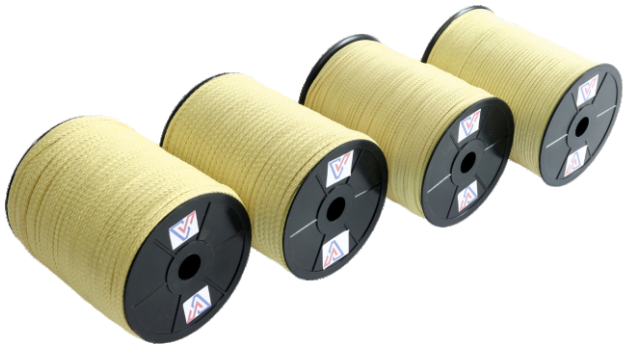
- Braided weave, coreless , 16 carriers
- Tensile strength: min. 1000 lbs
- Elongation: N/A
- Shade: Yellow

Cord, Para-Aramid, Braided, coreless
Our Item Code: BC-1146
PIA-C-87129 Type VIII



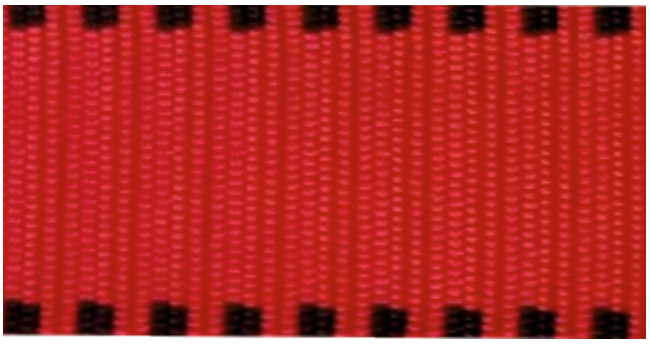
- Braided weave, coreless , 16 carriers
- Tensile strength: min. 1500 lbs
- Elongation: N/A
- Shade: Yellow





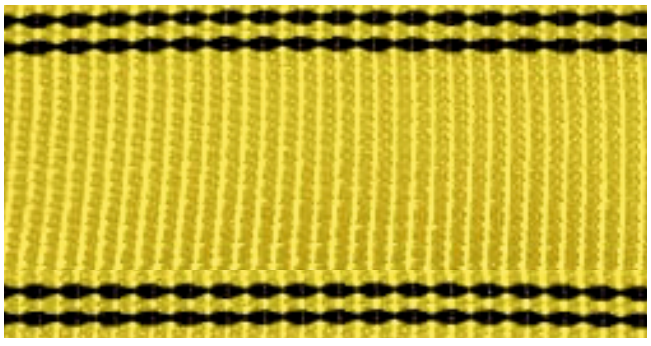






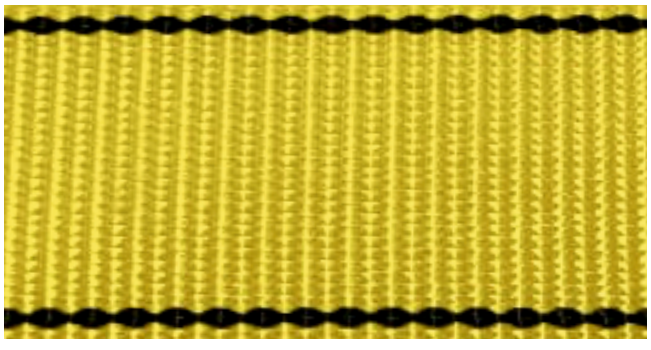
Polyester Harness Webbing 44mm x 1.95 x 2500 kgf

Item Code	NWF-967	Thick (mm)	1.95±0.10
BS (kgf)	2700 min.	Width (mm)	44±1
BS (LBS)	5952 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		



Polyester Harness Webbing 44mm x 1.85 x 2500 kgf

Item Code	NWF-966	Thick (mm)	1.85 ± 0.10
BS (kgf)	2500 min.	Width (mm)	44±1
BS (LBS)	5512 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		



Polyester Harness Webbing 44mm x 1.85 x 2500 kgf

Item Code	NWF-641	Thick (mm)	1.65 ± 0.10
BS (kgf)	2800 min.	Width (mm)	44±1
BS (LBS)	6173 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		



Polyester Harness Webbing 44mm x 1.60 x 2500 kgf

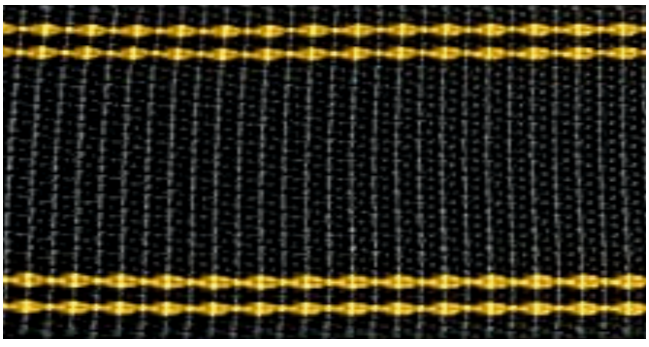
Item Code	NWF-968	Thick (mm)	1.60±0.10
BS (kgf)	2600 min.	Width (mm)	44±1
BS (LBS)	5732 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		

We can Supply above Webbings as per your any Shade Requirements



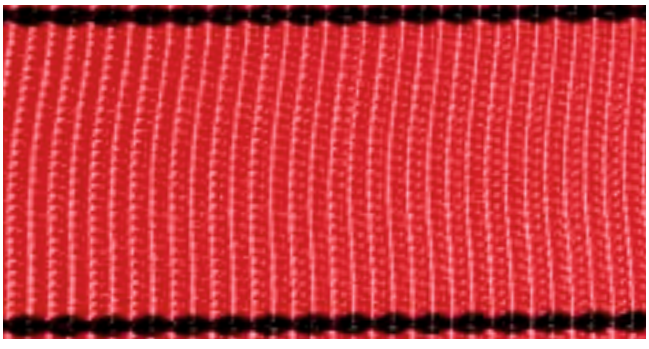
Elastic Harness Webbing Nylon 44 mm x 2.98 x 2000 kgf Black

Item Code	NWF-2119 (BLK)	Thickness	2.98±1
BS (kgf)	2200 min.	Width (mm)	44±1
BS (LBS)	4850 min.	Width (inch)	1.73±0.039
Material Type	Nylon	Dying Type	Dope Dyed
End Use	For Full Body Elasticated Harness		



Polyester Harness Webbing 44mm x 2.05 x 2300 kgf

Item Code	NWF-966 (DD)	Thick (mm)	2.05 ± 0.10
BS (kgf)	2400 min.	Width (mm)	44±1
BS (LBS)	5291 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Dope Dyed
End Use	For Full Body Harness		



Polyester Harness Webbing 44mm x 1.85 x 2500 kgf

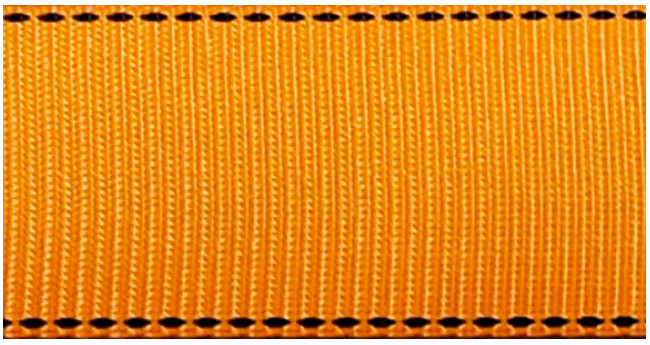
Item Code	NWF-936	Thick (mm)	1.85 ± 0.10
BS (kgf)	2800 min.	Width (mm)	44±1
BS (LBS)	6173 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		



Polyester Harness Webbing 44mm x 1.70 x 2500 kgf

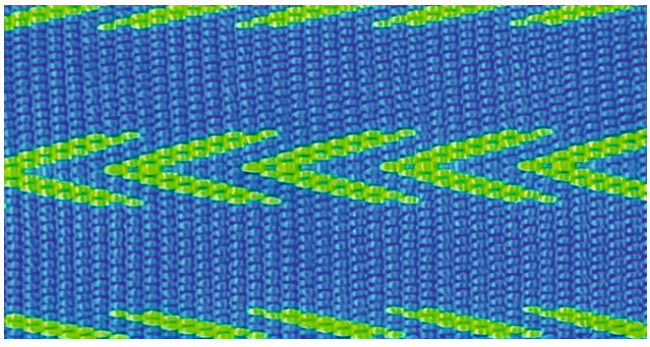
Item Code	NWF-2111	Thick (mm)	1.70 ± 0.20
BS (kgf)	2800 min.	Width (mm)	44±1
BS (LBS)	6173 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		

We can Supply above Webbings as per your any Shade Requirements



Polyester Harness Webbing 44mm x 1.50 x 2200 kgf

Item Code	NWF-2173	Thick (mm)	1.50±0.10
BS (kgf)	2250 min.	Width (mm)	44±1
BS (LBS)	4960 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		

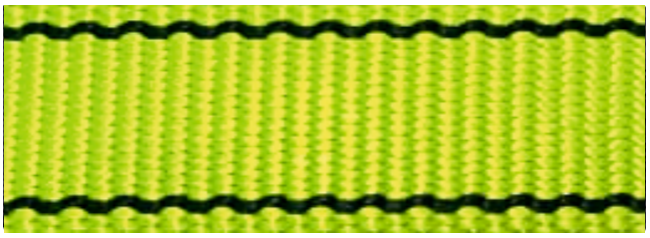


Polyester Harness Webbing 44mm x 2.60 x 2500 kgf

Item Code	NWF-2191	Thick (mm)	2.60 ± 0.10
BS (kgf)	2600 min.	Width (mm)	44±1
BS (LBS)	5732 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Dope Dyed
End Use	For Full Body Harness		



We can Supply above Webbings as per your any Shade Requirements



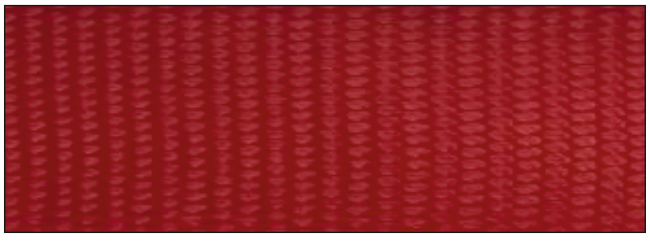
Polyester Lanyard Webbing 30mm x 2.80 x 3000 kgf

Item Code	NWF-17	Thick (mm)	2.80 ± 0.10
BS (kgf)	3300 min.	Width (mm)	30±1
BS (LBS)	7275 min.	Width (inch)	1.18±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Horizontal Lifeline & Lanyard		



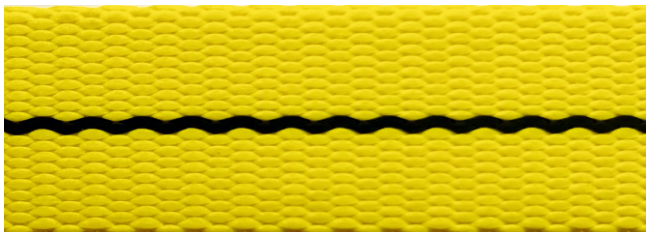
Polyester Tubular Sleeve 30mm x 1.0 x 700 kgf

Item Code	NWF-827	Thickness	1.0±0.20
BS (kgf)	750 min.	Width (mm)	30±1
BS (LBS)	1653 min.	Width (inch)	1.18±0.039
Material Type	Polyester	Dying Type	Dope Dyed
End Use	For Energy Abshorber, Lanyard and Harness		



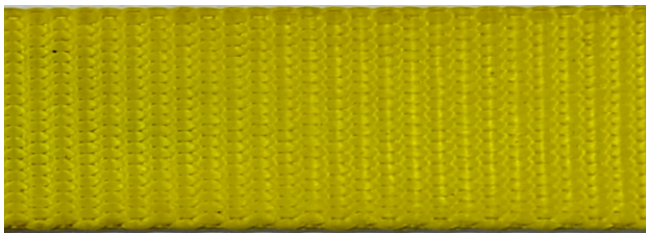
Polyester Lanyard Webbing 30mm x 2.65 x 3000 kgf

Item Code	NWF-938 (RED)	Thick (mm)	2.65 ± 0.10
BS (kgf)	3500 min.	Width (mm)	30±1
BS (LBS)	7716 min.	Width (inch)	1.18±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Webbing Lanyard		



Polyester Lanyard Webbing 30mm x 2.30 x 3000 kgf

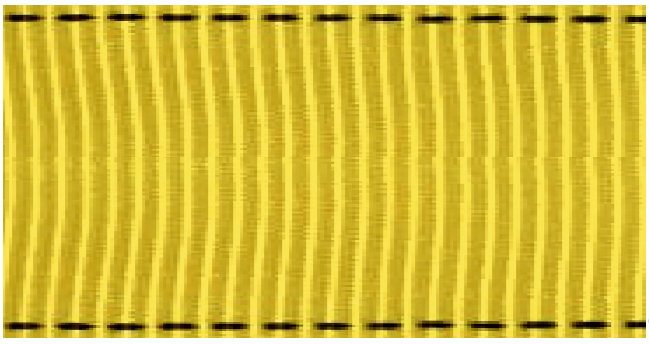
Item Code	NWF-17	Thick (mm)	2.30 ± 0.10
BS (kgf)	3300 min.	Width (mm)	30±1
BS (LBS)	7275 min.	Width (inch)	1.18±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Horizontal Lifeline & Lanyard		



Polyester Lanyard Webbing 30mm x 2.50 x 3000 kgf

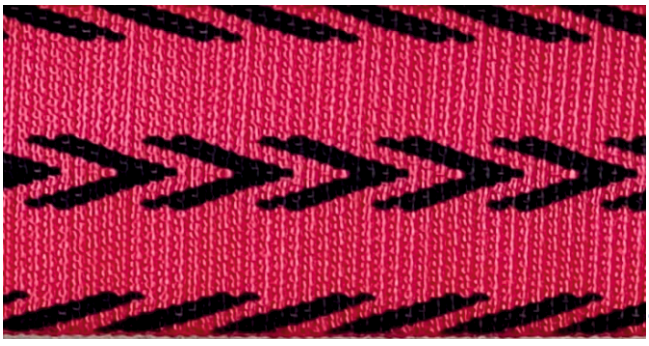
Item Code	NWF-938	Thick (mm)	2.50 ± 0.10
BS (kgf)	3300 min.	Width (mm)	30±1
BS (LBS)	7275 min.	Width (inch)	1.18±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Webbing Lanyard		

We can Supply above Webbings as per your any Shade Requirements



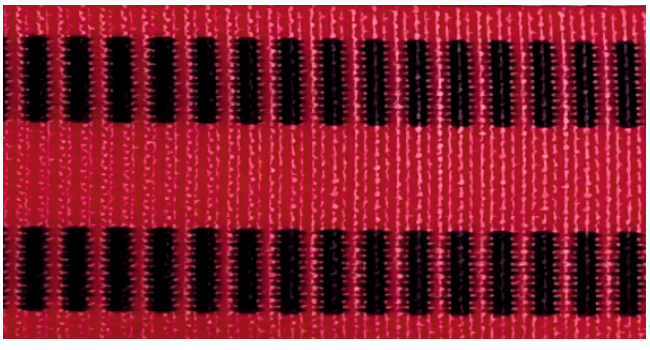
Polyester Tubular Webbing 44mm x 1.80 x 2500 kgf

Item Code	NWF-937	Thick (mm)	1.80 ± 0.10
BS (kgf)	2750 min.	Width (mm)	44±1
BS (LBS)	6062 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Internal Shock Absorber Lanyard		



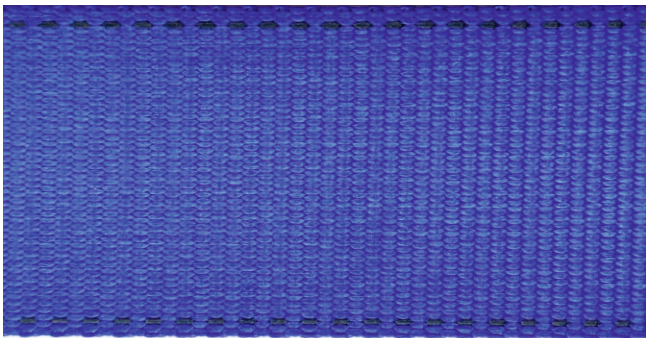
Polyester Harness Webbing 44mm x 1.90 x 2500 kgf

Item Code	NWF-2204	Thick (mm)	1.90 ± 0.10
BS (kgf)	2550 min.	Width (mm)	44±1
BS (LBS)	5622 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		



Polyester Harness Webbing 44mm x 1.50 x 2500 kgf

Item Code	NWF-2220	Thick (mm)	1.50±0.10
BS (kgf)	2550 min.	Width (mm)	44±1
BS (LBS)	5622 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		



Polyester Harness Webbing 44mm x 1.60 x 2500 kgf

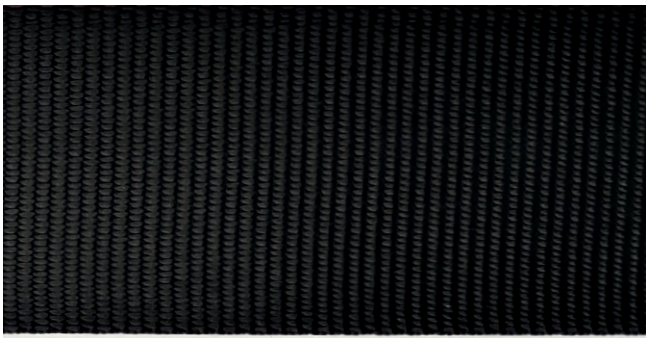
Item Code	NWF-2164	Thick (mm)	1.60 ± 0.10
BS (kgf)	2850 min.	Width (mm)	44±1
BS (LBS)	6283 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		

We can Supply above Webbings as per your any Shade Requirements



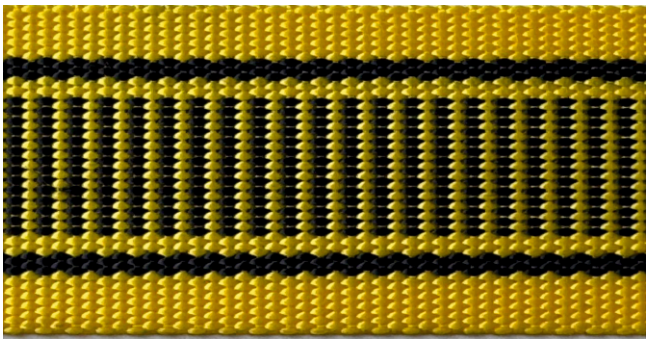
Polyester Harness Webbing for Eyelet 44mm x 2.70 x 3800 kgf

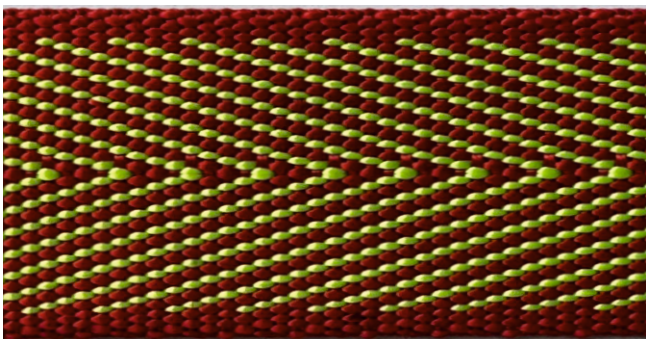
Item Code	NWF-931	Thick (mm)	2.70 ± 0.10
BS (kgf)	4150 min.	Width (mm)	44±1
BS (LBS)	9149 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness (Eyelet)		

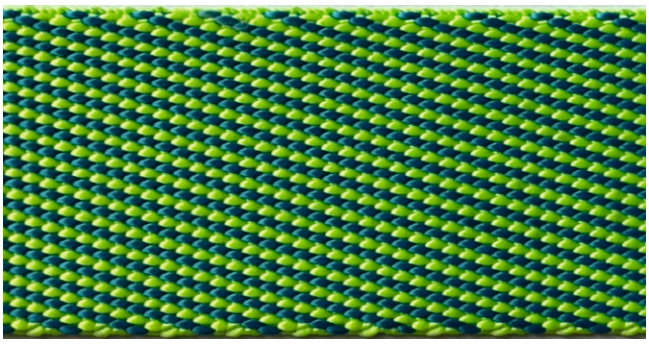


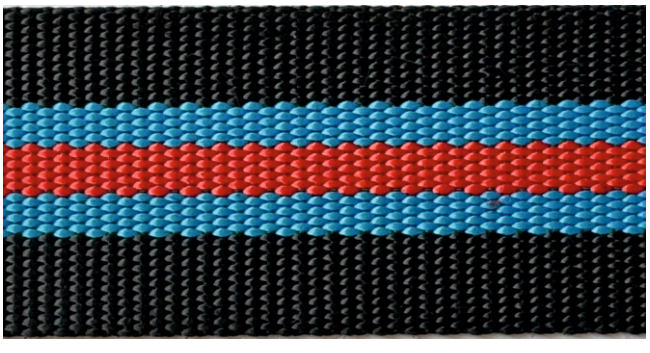
Polyester Harness Webbing 44mm x 1.70 x 2500 kgf

Item Code	NWF-2165	Thick (mm)	1.70 ± 0.20
BS (kgf)	2850 min.	Width (mm)	44±1
BS (LBS)	6283 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		

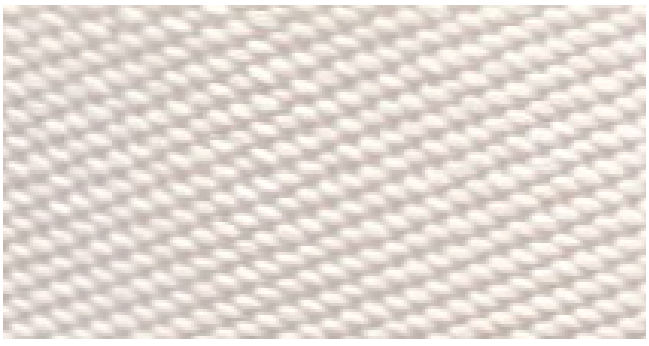






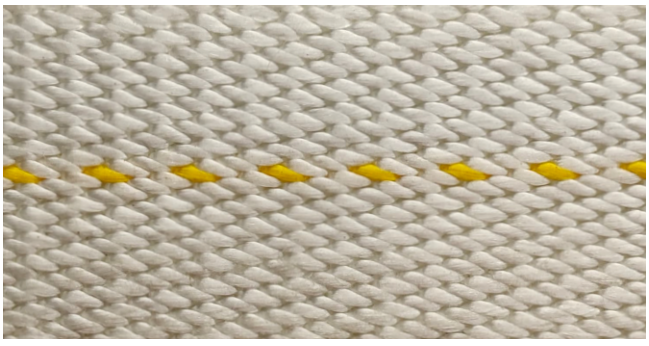


We can Supply above Webbings as per your any Shade Requirements



Polyester Tear Webbing 44mm x 3.20 x 3000 kgf

Item Code	NWF-20P	Thickness	3.20 max.
BS (kgf)	3400 min.	Width (mm)	44±1
BS (LBS)	7495 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Un- Dyed
End Use	For Energy Absorber		



Polyester Tear Webbing 44mm x 4.0 x 3000 kgf

Item Code	NWF-2155	Thick (mm)	4.0 ± 0.10
BS (kgf)	3450 min.	Width (mm)	44±1
BS (LBS)	7605 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Un- Dyed
End Use	For Energy Absorber		



Polyester Tear Webbing 44mm x 3.50 x 3000 kgf

Item Code	NWF-20P	Thick (mm)	3.50 ± 0.10
BS (kgf)	3400 min.	Width (mm)	44±1
BS (LBS)	7495 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Un- Dyed/BLK
End Use	For Energy Absorber		



Polyester Tear Webbing 35mm x 3.0 x 2500 kgf

Item Code	NWF-466	Thick (mm)	3.0 ± 0.10
BS (kgf)	2850 min.	Width (mm)	44±1
BS (LBS)	6283 min.	Width (inch)	1.73±0.039
Material Type	Polyester	Dying Type	Un- Dyed/BLK
End Use	For Energy Absorber		



Nylon Twisted Rope 6.5mm U/D

Item Code	TR-488 (U/D)	Thickness	N/A
BS (kgf)	750 min.	Dia (mm)	6.5±0.50
BS (LBS)	1653 min.	Dia (inch)	0.26±0.019
Material Type	Polyester	Dying Type	U/D
End Use	For Twisted Rope Lanyard		



Polyester Twisted Rope 12mm U/D With Black Tracer Line

Item Code	TR-480 (U/D/BLK)	Thickness	N/A
BS (kgf)	2200 min.	Dia (mm)	12±0.50
BS (LBS)	4850 min.	Dia (inch)	0.47±0.019
Material Type	Polyester	Dying Type	U/D/BLK
End Use	For Twisted Rope Lanyard		



Polyester Twisted Rope 14mm U/D With Green Tracer Line

Item Code	TR-481 (U/D/GRN)	Thickness	N/A
BS (kgf)	2500 min.	Dia (mm)	14±0.50
BS (LBS)	5512 min.	Dia (inch)	0.55±0.019
Material Type	Polyester	Dying Type	U/D/GRN
End Use	For Guided Type Fall Arrester		



Polyester Twisted Rope 16mm U/D With Blue Tracer Line

Item Code	TR-482 (U/D/BLU)	Thickness	N/A
BS (kgf)	2700 min.	Dia (mm)	16±0.50
BS (LBS)	5952 min.	Dia (inch)	0.63±0.019
Material Type	Polyester	Dying Type	U/D/BLU
End Use	For Anchorage Rope		



Polyester Twisted Rope 18mm U/D

Item Code	TR-486 (U/D)	Thickness	N/A
BS (kgf)	3200 min.	Dia (mm)	18±0.50
BS (LBS)	7054 min.	Dia (inch)	0.70±0.019
Material Type	Polyester	Dying Type	U/D
End Use	For Anchorage Rope		



Nylon Braided Rope 11mm U/D With F.Lime./Blk Tracer Line

Item Code	BC-299	Thickness	N/A
BS (kgf)	2200 min.	Dia (mm)	11±0.50
BS (LBS)	4850 min.	Dia (inch)	0.43±0.019
Material Type	Nylon	Dying Type	U/D/BLK/F.LIME
End Use	For Anchorage Rope		



Nylon Braided Rope 11mm U/D With Black Tracer Line

Item Code	BC-289	Thickness	N/A
BS (kgf)	2200 min.	Dia (mm)	11±0.50
BS (LBS)	4850 min.	Dia (inch)	0.43±0.019
Material Type	Nylon	Dying Type	U/D/BLK
End Use	For Braided Rope Lanyard		



Polyeset Braided Rope 12mm U/D With Black Tracer Line

Item Code	BC-381	Thickness	N/A
BS (kgf)	2200 min.	Dia (mm)	12±0.50
BS (LBS)	4850 min.	Dia (inch)	0.47±0.019
Material Type	Polyester	Dying Type	U/D/BLK
End Use	For Guided Type Fall Arrester		



Polyester Braided Rope 10.5mm U/D With Yellow / Blue Tracer Line

Item Code	BC-389	Thickness	N/A
BS (kgf)	2200 min.	Dia (mm)	10.5±0.50
BS (LBS)	4850 min.	Dia (inch)	0.41±0.019
Material Type	Polyester	Dying Type	U/D/BLU/YLW
End Use	For Braided Rope Lanyard		



Nylon Braided Rope 12mm U/D

Item Code	BC-300	Thickness	N/A
BS (kgf)	2200 min.	Dia (mm)	12±0.50
BS (LBS)	4850 min.	Dia (inch)	0.47±0.019
Material Type	Nylon	Dying Type	U/D
End Use	For Guided Type Fall Arrester		



DIAMOND

The entire Diamond series is exceptionally appealing because of its low weight and high breaking strength. Due to the high strength and the low danger of cracking, Diamond ropes are the right choice for many different applications. The high-twist 32-strand mantle braid provides for high dirt resistance, better grip and high abrasion protection.

Features:-

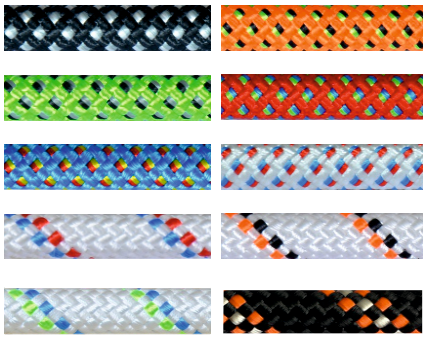
- High-grade polyamide
- Twisted cores
- Extra light weight at high minimum breaking load
- High-twist 32-strand mantle braid>dirt resistance, good grip and high abrasion protection
- High strength

Core **Polyamide** Cover **Polyamide**

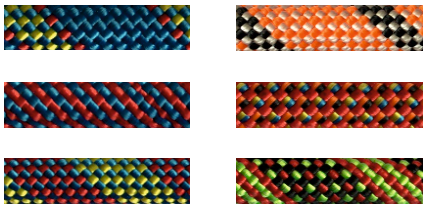
EN 1891 A (10-14 mm)

EN 1891 B (8 to 9.5 mm)

Braid : 32 (8.0-11.0 mm)

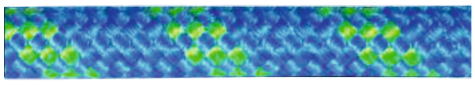


Braid : 48 (11.5-20.0 mm)



Diameter (mm)	Type	Ref. No.	Elong-ation	Weight (g/m)	Weight (lbs/100')	Min. Breaking Strength (daN)	Min. Breaking Strength (lbf)	BS with fig. 8 knot (daN)	BS with fig. 8 knot (lbf)	Min. Breaking Strength Sewn (daN)	Min. Breaking Strength Sewn (lbf)
9.0	B	BC-297	<5%	57.94	3.89	1800	4046	1300	2922	1800	4046
10.5	A	BC-304	<5%	75.00	5.04	2200	4945	1800	4046	2200	4945
11.0	A	BC-299	<5%	84.46	5.67	2200	4945	1800	4046	2200	4945
12.0	A	BC-300	<5%	94.90	6.38	2200	4945	1800	4046	2200	4945

PEARL



PEARL is an exceptional static rope for rappelling, caving, rescue, top roping, fixed rope applications, hauling, and life safety applications. The unique polyester sheath differentiates PEARL from other static ropes. The polyester sheath is balanced with a nylon core to limit rotation, bouncing, and stretch PEARL is CE approved, and all come with CE labels. Thirty-two bobbins provide the correct sheath for the unique demands of static rope and the optimum sheath/core ratio. This allows for an incredibly smooth sheath, higher tensile strengths, and superior handling characteristics for faster ascending and exceptional abrasion resistance

Features:-

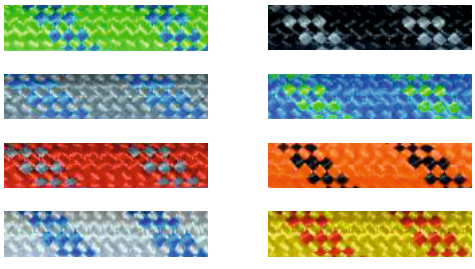
- 32-Strand sheath for optimum sheath / core ratio
- Polyester over polyamide with a balanced torque free construction
- Excellent handling and knot holding characteristics
- High abrasion resistance
- Excellent UV protection

Core **Polyamide** Cover **Polyester**

EN 1891 A (10-14 mm)

EN 1891 B (8.0-9.5 mm)

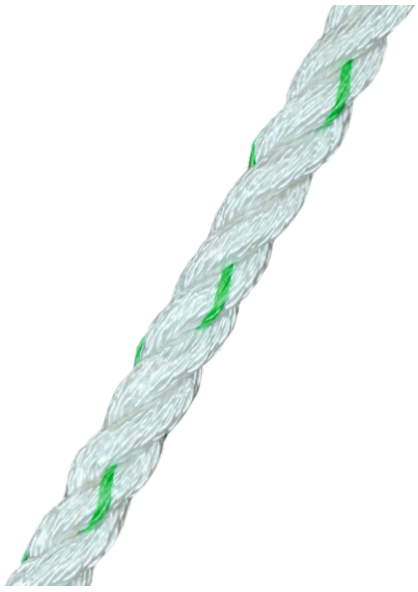
Braid : 32 (8.0-11.0 mm)



Braid : 48 (11.5-20.0 mm)



Diameter (mm)	Type	Ref. No.	Elongation (50-150 kg)	Static Strength Without Termination	Static Strength With Termination
9.0	B	BC-407	<5%	>18 kN	>12 kN
9.5	B	BC-392	<5%	>18 kN	>12 kN
10.0	A	BC-393	<5%	>22 kN	>15 kN
10.5	A	BC-394	<5%	>22 kN	>15 kN
11.0	A	BC-402	<5%	>22 kN	>15 kN
11.5	A	BC-395	<5%	>22 kN	>15 kN
12.0	A	BC-403	<5%	>22 kN	>15 kN
12.5	A	BC-396	<5%	>22 kN	>15 kN



TWISTED POLYESTER ROPES (TWISTER)

Premium TWISTED POLYESTER 3 strand give you the perfect balance of traditional 3 strand construction with a soft free running safety line resist jamming and hockling.

Features:-

- Perfect for rope grabs, vertical lifelines and lifeline assemblies
- Supple
- High strength
- Good abrasion resistance
- Easily spliced

Material
Polyester

Strand : 3

Diameter (mm)	Ref. No.	Elongation	Weight (g/m)	Weight (lbs/100')	Min. Breaking Strength (daN)	Min. Breaking Strength (lbf)
8.0	TR-211	<5%	48.0	3.22	830	1860
10.0	TR-212	<5%	70.0	4.70	1780	4000
12.0	TR-104	<5%	105.0	7.02	2270	5100
14.0	TR-105	<5%	130.0	8.70	3120	7014
16.0	TR-106	<5%	175.0	11.76	3780	8500
18.0	TR-315	<5%	215.0	14.44	4000	8995
20.0	TR-352	<5%	240.0	16.14	4490	10100



TWISTED NYLON (POLYAMIDE) 3 STRAND

Premium TWISTED NYLON 3 strand give you the perfect balance of traditional 3 strand construction with a soft free running safety line resist jamming and hockling.

Features:-

- Perfect for rope grabs, vertical lifelines and lifeline assemblies
- Supple
- High strength
- Good abrasion resistance
- Easily spliced

Material
Nylon (Polyamide)

Strand : 3

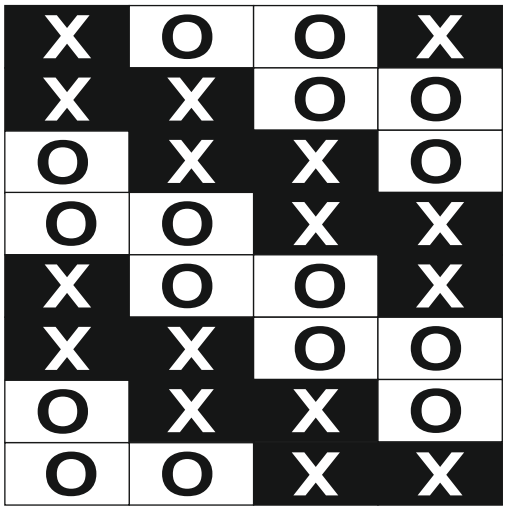
Diameter (mm)	Ref. No.	Elon-gation	Weight (g/m)	Weight (lbs/100')	Min. Breaking Strength (daN)	Min. Breaking Strength (lbf)
8.0	TR-196	6.6%	46.0	3.03	1319	2965
10.0	TR-216	6.6%	62.0	4.09	2048	4604
12.0	TR-103	6.6%	104.0	6.86	2938	6605
14.0	TR-102	6.6%	122.0	8.05	4017	9031
16.0	TR-101	6.6%	158.0	10.42	5199	11688
18.0	TR-400	6.6%	190.0	12.54	5886	13232
20.0	TR-354	6.6%	225.0	14.85	6500	14495

Sr.	Details	Nylon	Polyester	Polyethylene	Polypropylene
1	Tenacity (g/denier)	4.0 - 7.2	8.8 - 9.1	2.6 - 4.2	3.5 - 4.5
2	Elongation at break (%)	17 - 45	13.9 - 14.3	65	25 - 30
3	Shrinkage at 177°C (%)	<1.0	7.9	16.5	
4	Melting point (°F)	419 to 430	493	220 - 255	325 - 335
5	In flame	Burns slowly; melts and drips		Burns slowly and melts	
6	After flame	Self-extinguishes	Self-extinguishes	Continues to burn	Continues to burn
7	Specific gravity (g/cc)	1.14	1.38	0.91	0.90
8	Moisture regain (%)	2.8 - 5.0	0.4	<1.0	<1.0
9	Chemical resistance	Resists weak acids, inert to alkalis. Hydrolyzed by strong acids	Good resistance to weak alkalis & weak acids. Moderate resistance to strong acids & alkali	Excellent resistance to acids and bases	

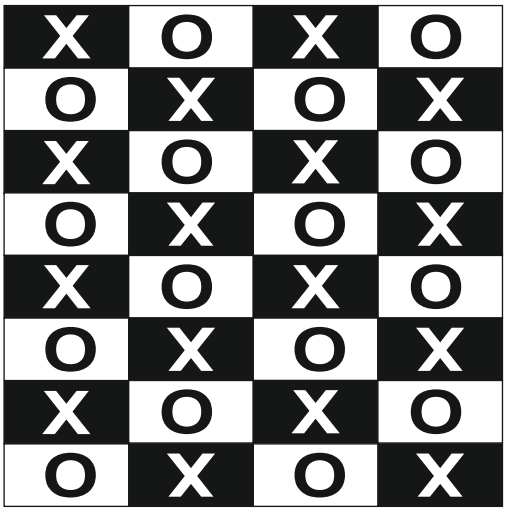
Sr.	Details	Rayon	Fiberglass	PEEK	Carbon
1	Tenacity (g/denier)	2.0 - 3.0	15.3 - 19.8	6.0 - 7.0	-
2	Elongation at break (%)	15.0 - 30.0	4.8 - 5.7	20 - 50	-
3	Shrinkage at 177°C (%)		N/A		-
4	Melting point (°F)	Does not melt	Softens at 1,220	640	-
5	In flame	Burns quickly	Softens, can change shape	Does not burn	-
6	After flame	Continues to burn	Hardens	Does not burn	-
7	Specific gravity (g/cc)	1.51	2.49	1.3	-
8	Moisture regain (%)	10.5 - 16.0	None	0.1	-
9	Chemical resistance	Poor resistance to strong acids and bases	Fair resistance to acids and bases	Excellent chemical resistance	-

Sr.	Details	Para Aramid	Vectran®	UHMWPE	PTFE
1	Tenacity (g/denier)	23.0 - 23.6	23 - 27	29 - 35	2.0
2	Elongation at break (%)	2.4 - 3.6	3.3 - 3.7	2.7 - 3.0	20.0
3	Shrinkage at 177°C (%)	< 0.1		N/A	7.0
4	Melting point (°F)	Does not melt, decomposes at 800°F - 900°F	None, Chars above 400°C	297	Does not melt. Gels at 621°F
5	In flame	Excellent flame resistance			Non-flammable
6	After flame	Self-extinguishes			Non-flammable
7	Specific gravity (g/cc)	1.44	1.4	0.97	2.1
8	Moisture regain (%)	3.5 - 7.0	<0.1	<1.0	0
9	Chemical resistance	Good chemical resistance	Hydrolytically stable, Resis tant to organic solvents Stable to acids (<90% conc.) Stable to bases (<30% conc.)	Excellent resistance to acids and bases	Inert (one of the most resistant fibers known)

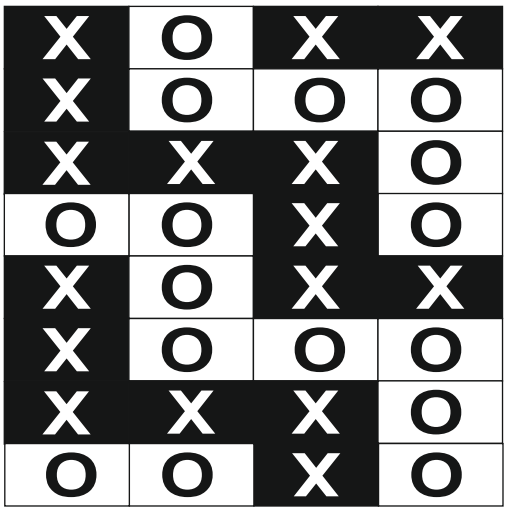
Sr.	Details	PBI	PPS	Metalized Yarns	Reflective Yarns
1	Tenacity (g/denier)	2.7	3.0 - 5.0	-	-
2	Elongation at break (%)	27	35 - 50	-	-
3	Shrinkage at 177°C (%)	<1.0		-	-
4	Melting point (°F)	Does not burn	Decomposition point - 545°F	-	-
5	In flame	Non-flammable		-	-
6	After flame	Non-flammable		-	-
7	Specific gravity (g/cc)	1.4	1.34	-	-
8	Moisture regain (%)	15	0.6	-	-
9	Chemical resistance	Good chemical resistance	Excellent chemical resistance	-	-



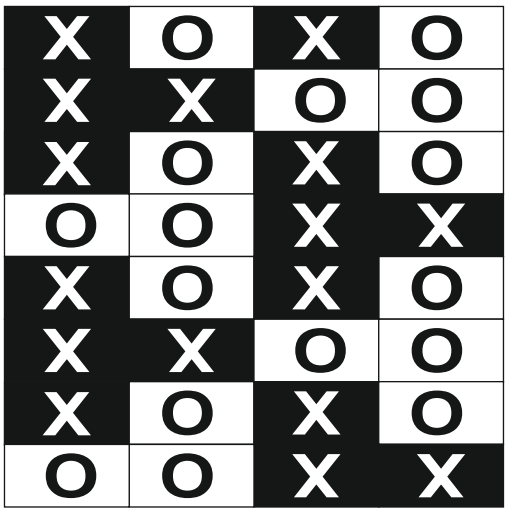
TWILL WEAVE



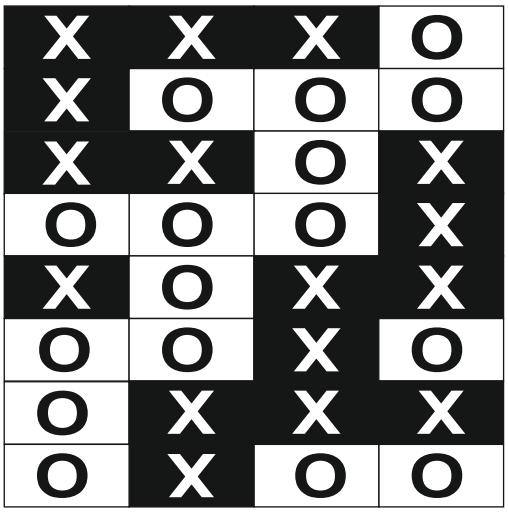
PLAIN WEAVE



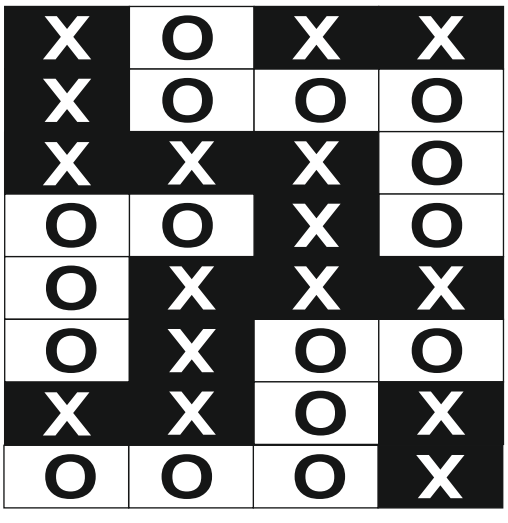
DOUBLE PLAIN WEAVE



BASKET (MATTY) WEAVE



1/3 TWILL WEAVE



SMALL CHECK WEAVE

Our Presence



How to Reach us ?



Step 1 : Fly in to New Delhi, INDIA.

Step 2 : Take a connecting flight to Kanpur city or to Lucknow city which is 80 km from Kanpur & we can pick you up.

Our Goal



Our **goal** is not to be better than **anyone** else, But to be **better** than we **used** to be.



You can look for flaws, **but you won't find them.**

Our MISSION

To help you strengthen your business & become partners in your success. Let us begin to turn your ideas into reality.

In a constantly transforming world, with ever changing, ever evolving technology, VIRAJ pushes the boundaries of innovation because the possibilities that we can offer you are…Endless.

Our VISION

We have set our sights on becoming a global textile leader, providing wide spectrum solutions of narrow woven fabrics to the textile industry, from speciality yarns to narrow woven fabrics; thereby maximising value for our clients and in turn, becoming their preferred partner.

Why Choose Us ?

- Fast Delivery, Small Orders Acceptable
- Over 100 thousand square feet of manufacturing base.
- 5+ persons in R&D.
- 400+ experinced workers
- 50+ webbing weaving looms & 150+ Braiding Machines.
- ISO 9001 certified company & star export house
- Over 50 million running meters of monthly output.
- 5 lines of webbing dyeing & printing
- 10+ persons in our sales team.
- Experienced in custom mass production as customer's requirement.
- Manufacturing using Nylon 6 & 6,6 , Polyester Virgin & Recycled , Aramid (Kevlar) & UHMWPE (Dyneema) Yarns
- In-house facility of Resin Treatment , Fire Resistant , Water Resistant , Anti UV & Anti Static
- We offer Custom Shades , Roll Length , Hot Cutting , Laser Cutting , Sewing on Pattern
- Other standards: MIL SPEC, PIA, UK/BS, ISO, ASTM, AATCC, etc.
- Produced qualified webbing for the US, Israel,Canada, Germany, France, UK, Sweden,etc.
- Colour Options : customized, Pantone, RAL, LAB value fabric, webbing swatch.
- Webbing width range in 5-300 mm & Thickness range in 0.5 to 9.0 mm
- Weave Options : Flat, Plain, Tubular, Twill, Herringbone etc.
- MIL/PIA - Spec : 4088, 5038, 87130, 5625, 5608, 6134C,17337, 27657B, 43668C, 43685B, 43709B, 87127, 5040H, 7515F, 17183B, 87129A, 371F, 43701B etc.

Product & Package Details

MOQ	: 1000 Meter for natural yarn shades & 5000 meter for any dyed shades
Special Rates	: For order quantity above 50,000 meter
Roll Length/Package unit	: Usually 50m/roll for webbing, 100m/roll for thin/ribbon/binding tapes
Roll Packing	: All rolls are individually packed in plastic transparent bags
Final Carton Packing	: All rolls are placed in strong 5 ply cartons with reinforment strapping
Carton Shipping mark	: As per customers requirements
Payment Term	: 40% advance deposit & balance before sending goods to buyer
Transportation	: Transport by DHL, UPS, FedEx, TNT, EMS, air or sea
FOB port & place of origin	: Nava Sheva,Mumbai,INDIA
Shipping method	: By sea, air, express like DHL, UPS, FedEx etc. With customer appointed forwarder
Sample lead time	: Usually 10-15 days
Production lead time	: Usually 3-4 weeks (depends on order quantity)
Free sample service	: 1-3 Meters if available in stock

Features & Benefits

High quality materials and superior manufacturing processes allow for a world class product performance which is supported by the company's ISO 9001:2015 quality management system, vigorous in house testing as well as industry testing facilities. This ensures compliance to stringent international quality standards and peace of mind to our customers. Comparative testing confirms the superior performance of the military webbing and its performance criteria when measured against the relevant specifications.

LOW ELONGATION AND SHRINKAGE

Low elongation, obtained through specialised finishing processes, reduces the inherent elongation properties of the yarn. This ensures end use applications are maintained within specification resulting in increased safety of both personnel and equipment.

SUPERIOR STRENGTH FACTORS

The military webbings are manufactured from high specification yarns which ensure reliability and conformity in terms of customer applications and international specifications. Differentiating break strengths are available to meet various application demands.

HIGH ABRASION RESISTANCE

The natural abrasion resistance of the yarns utilised in the manufacture process, together with compact weave patterns, ensures the high abrasion resistance of military webbings. This allows for a long lasting life span for the end application while ensuring user safety is not compromised.

UV RESISTANCE

Military webbings are resistant to ultra violet light, providing an excellent material choice for outdoor applications requiring long lasting strength and longevity as well as maintaining colour fastness properties.

LOW WATER ABSORPTION & CHEMICAL RESISTANCE

Military webbings are water resistant as well as resistant to mould, rotting and certain chemical contaminants. Specialised finishes are also available to enhance the inherent properties of the webbing or to add custom characteristics. These include, amongst others, flame retardency, anti-static and Teflon coatings.

EASE OF USE

Given the use of military webbings in outdoor applications, the webbing has been designed to provide ease of use to the end user, in particular, to allow for a quick drying and breathable material.

SPECIFICATIONS

Military webbings conform to stringent international and local standards, providing significant peace of mind to customers and users of safety critical products within the military and related industries.

Machines & Equipment

Narrow Woven Fabrics (Tapes/Webbings)

Warping M/c with 200 ends creel stand	:	For making beams of desired no of ends thru warping process .The yarns are placed on creel stand and warped on beams with required yarn tension.
Shuttle Looms	:	A shuttle containing the filling yarn passes through the shed (opening of warp yarns) to produce the desired weave. Can produce a seamless edges tube and items with two woven edges.
Automatic High speed Needle Looms (Shuttle-Less Loom)	:	A needle passes the filling yarn through the shed where it is anchored and the passed back to the stating point before the warp yarns change pattern. This produces one woven edge and one selvage edge.
Computerized Jacquard Loom - 240 hooks	:	Utilizing a computer controlled CAD design system; each individual warp yarn is controlled individually. Allows for writing in fabric and 3-dimensional shapes and structures.
Rubber Positive Feeder	:	Thru this attachment uniform & continous tension on rubber threads is maintained while on weaving process of elastic tapes & webbings.
Continues Dyeing M/C with hot air circulated chamber & steamer with neumatic pressure rollers on padding.	:	Large scale continues dyeing produces a consistent color throughout the lot at a high rate of production. Smaller custom lots are still available through our batching process. Both methods are processed through the quality lab to ensure color conformance.
Continues Washing M/c with SS Tanks	:	For continues washing of Narrow fabrics to remove surplus colour on padding process to get better wash fastness ratings.
Continues Coating M/c with hot air circulated chamber with neumatic pressure rollers on padding.	:	For continues coating like UV , Water Repellence , Flame Retardant & Resin treatment on Narrow fabrics and also for pigment dyeing.
Finishing / Calendring M/C	:	Application and curing for all types of fabric finishes: flame treatment, resin treatment, stiffening agents, silicone release agents, starches, etc.
Screen Printing M/c (Semi Automatic)	:	For continues screen printing on any kind of narrow woven fabrics.
Rolling & Festooning M/c	:	For making desired rolls of narrow fabrics.
Automatic Strap measuring & Hot Cutting M/C	:	For continues measuring & Heat cut straight and angled / sealed ends.
Hole Punching Equipment	:	For making holes in webbings before applying the eyelets.

Braided & Twisted Cords/Ropes

Automatic High Speed Bobbin Winders	:	For making bobbins of desired length.
High Speed Braiding M/c (8 ,16 , 24, 32 & 48 carriers)	:	Braids are textiles formed by plaiting several yarns together diagonally (weaving is at orthogonal angles). The number of strands available for braiding at VIRAJ goes from 8 to 64
Solid Braiding M/c (12 & 18 carriers)	:	For making Braided ropes with solid type affect. At present we have 12 & 18 spindles/ carrier machine.
Knit Braiding M/c	:	For making knitted cords of dia 3 - 8mm dia & ropes from 10 - 16 mm dia.
Twisting M/c (16 & 200 Spindles) & TFO M/c	:	For giving initial twist in yarns and to also make twines.
Twisted Rope making (3 Strands) M/c	:	For making twisted ropes of dia 2 - 8 mm
Twisted Rope making (3 Strands) M/c	:	For making twisted ropes of dia 10 - 18 mm
Shoe Lace Cutting and Tipping M/c	:	For automatic measuring , cutting & end tipping of cords for making shoe laces.

Industries We Serve

VIRAJ is a leader in the narrow woven fabrics industry. Over 2000 different patterns are manufactured in our production facility. Included are woven tapes, webbings, 3-D structures, and specialty textiles that cover a wide range of narrow fabrics for below industries.



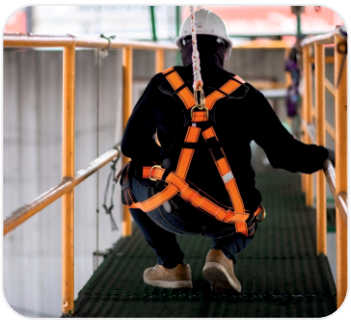
Defence/ Military



Parachute



Body Armour



Fall Protection



Lifting Slings & Lashing



Climbing Sports



Airforce



Equestrian / Saddlery



Footwear



Luggage



Lanyards Tapes For Id Cards



Yachting



Helmet



Industrial End Use Industry

Our Capabilities

Operating, needle/shuttle less, Shuttle looms, Jacquard, and specialty broad Web looms, as well as, modern ranges in our dyeing and finishing departments, VIRAJ provides customers with quality products manufactured to precise specifications.

VIRAJ offers a full range of services to cover every aspect of **design**, **production**, and **post-production** processes. From design and prototype development, to **weaving**, **dyeing**, **finishing**, **strap cutting**, and **minor assembly** Viraj Group can meet your unique product requirements.

Our Post weave processing technologies

- **Dye house capabilities** include yarn dyeing, small lot batch dyeing, and large lot continuous dyeing. We utilize spectrophotometers for color matching in order to minimize the time spent in the lab and increase production efficiencies. Lab dips are available through our dye lab for color matching of customer samples.
- **Finish capabilities** are heat setting, scouring, resin treating for abrasion and/or stiffness, water based Teflon®, silicone, latex, waterproof, flame treat, anti-fungal, and pre-shrinking.
- **Coating capabilities** covers UV Coating on Tapes & webbings for Arrester Barrier Nets used in arresting Air craft's.
- VIRAJ **strap cutting** department offers custom length cutting, sealing & hole punching. As a result of VIRAJ strong commitment to quality, the company has developed a top rate in house lab testing facility.
- **Test reports** and certificates of conformance to the specifications are available upon request. Tests available include, but not limited to, tensile, elongation, color fastness, abrasion, etc.



Warping M/c with 200 ends creel stand



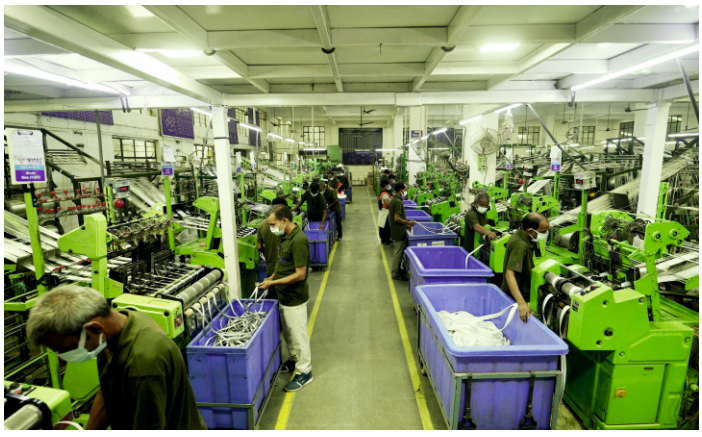
Sample Warping Machine



Computerised high speed precision Yarn twisting M/c



Ring Twister



Needle Loom Weaving Section



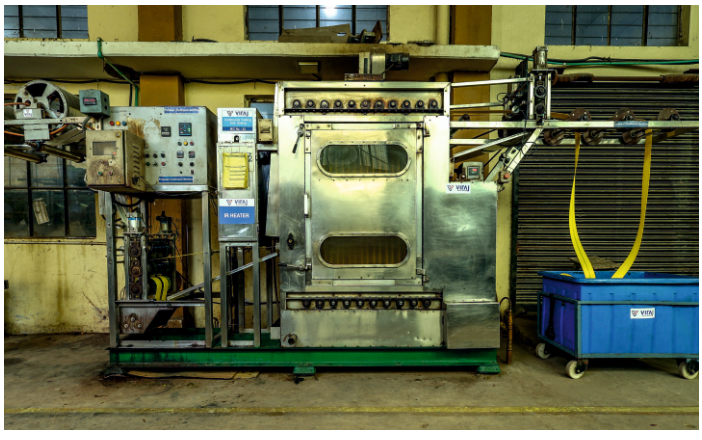
Automatic High speed Needle Looms (Shuttle-Less Loom)



Shuttle Loom Section



Shuttle Loom



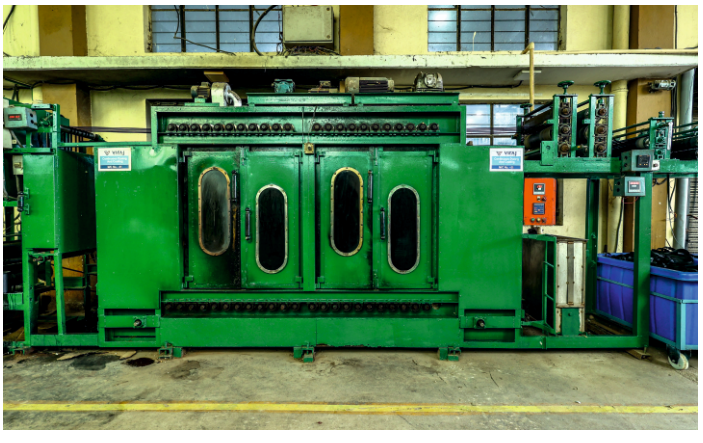
Continous Dyeing M/c for Nylon (Steaming Process)



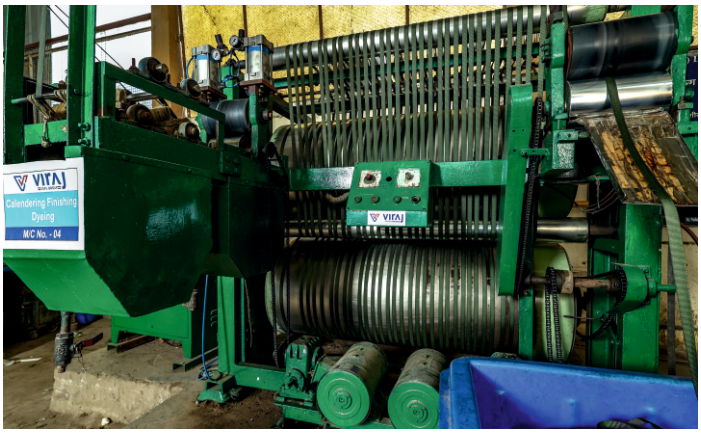
Continous Dyeing M/c for Polyeter
(High Temp hot air circulated Process)



Continious Washing M/c



Continous Padding & Coating M/c



Finishing/Calendring M/C



Screen Printing M/c (Semi Automatic)



Rolling making M/c



Festooning M/c for Elastics



Automatic Web Cutting



Hole Punching Equipment



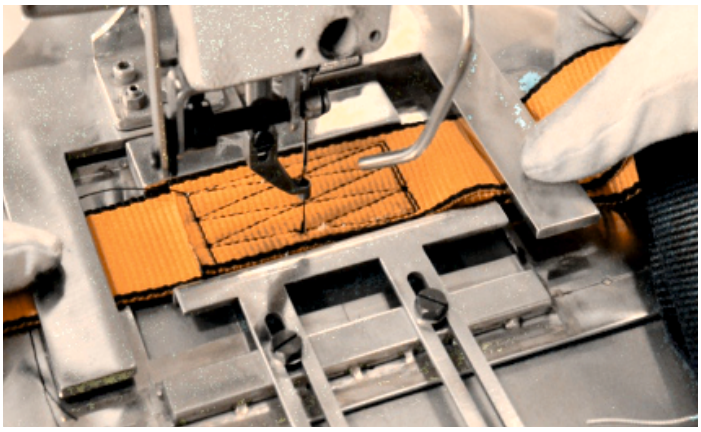
Solid 12 spindle Braiding M/c



High Speed 12, 16, 32 & 48 spindles Braiding M/c



Tape Separator Machine



Automatic Stitching



Twisted Twines/Rope making (3 Strands) 2 - 6 mm Dia



Twisted Rope making (3 & 4 Strands) 8 - 20 mm Dia



Weaving Section

In House Laboratory Equipments & Testing

Equipment/Apratus Detail	Equipment Capacity	Testing Purpose	Testing as per Standards	
			ASTM	IS
Testing Equipments used for Narrow Fabrics / Braided Cords / Ropes / Twines				
Measuring Scale	1.0 - 300 mm & 1000 mm	To measure length and dimension		IS 1954 : 1990
Electronic Weighing Balance	(0.2g & 0 - 200g)	To check Weight/Mtr & GSM of fabrics	ASTM D3776	IS 1964 : 2001
Yarn Twist Tester (Automatic)	0-99999 counts	To find out the T.P.I/T.P.M & Ply/Fold of Yarns , threads & Twines	ASTM D1423	IS:832-1985
Digital Tensile Testing Machine	20 kgf(0.01kgf to 20.00kgf)	To measure the Tensile/Breaking strength of yarns	PIA-Test Method-4108	
Digital Tensile Testing Machine	Capacity 50 Kgf	To measure the Tensile/Breaking strength of yarn	AATCC 20	
Laboratory Chemicals	NA	For Nature of fiber identification & material Analysis		IS :667:1981
Digital Melting Point Apparatus	25˚C to 350˚C	For Determine the melting point of nylon yarn material	PIA-Test Method-4108	IS 1969 : 1985
Vernier Calipers /Rope Gauge	0.02mm, & 0-150 mm	To measure Dimensions & Gauge/Dia of Ropes/Cords	ASTM D3774	IS:7071-1989(Pt.-03)
Counting/Pick Glass	25mm	To measure threads/unit length	ASTM D3775	IS 1963 : 1981
Thickness Gauge	0 - 10 mm & LC 0.01 mm	To measure Thickness of Webbing/Tapes/ Fabrics	ASTM D1777	IS:7702-1975
Color Matching Cabinet	NA	To check Assesment of shade & Tone on diffrent light effects	ASTM D4086	
Spectrophotometer		For Monitoring Colour Accuracy	ASTM C1510	
Conditioning Chamber with thermostat	Range 0-110 ˚C	For conditioning the samples be Fore testing		IS 6359-1971
Oven with timer and Temp Control	1˚C - 300˚C	To measure the moisture regain , drying etc	ASTM D2654-22	IS 6365-1971
Abrasion Testing Machine	NA	For Tape / Webbing Abrasion Purpose	ASTM D6770-02	
Digital Tensile Testing Machine	Capacity 500 Kgf	To measure the tensile strength of cords & Twines	PIA-Test Method-4108	IS 1969 : 1985
Digital Tensile Testing Machine	Capacity 20,000 Kgf	To measure tensile of Webbing,Tapes,Rope,etc	PIA-Test Method-4108	IS 1969 : 1985 EN-12195:2:2000
Digital Tensile Testing Machine	Capacity 100,000 Kgf	To measure tensile of Webbing,Tapes,Rope,etc	PIA-Test Method-4108	
Horizontal Tensile Testing Machine	Capacity 5,000 Kgf	To measure tensile of Webbing, Tapes, Rope, Meta Fitting, Harness,	PIA-Test Method-4108	
Hot Plate (Heating Plate)	0 to 100°C	For Tape/Webbing Heating & Boiling Purpose	ASTM C177-19	
Thermometer	(-)10˚C. UpTo 10˚C.)	To measure temprature	ASTM E1-01	IS 2480-2(1982)
P.H. Metre (Electronic/Digital)	0.1 pH & 0 - 14 pH	To find out Acidic & Alkline nature	AATCC81	IS:1390
Grey Scale	NA	Assesment of Rating (Washing & Staining)	ASTM D2616-12	ISO 105 A02:1993
Cold Chamber	0˚C to -(45)˚C	For cold conditioning the sample before testing	ASTM C1199	
Flammability Tester	0.1 Sec & 0-999.9 Sec	For Flame Retardentency on Webbings/ Tapes & Fabrics	ASTM D1230	IS: 15061-2002

In House Laboratory Equipments & Testing

Equipment/Apratus Detail	Equipment Capacity	Purpose	Testing as per Standards	
			ASTM	IS
Testing Equipments used for Narrow Fabrics / Braided Cords / Ropes / Twines				
Crock Meter	: 0 - 99999	: For color fastness To Rubbing	: AATCC 8	: IS :766-1988
Stop Watch	: NA	: To count minutes & Sec. For holding any test	: ASTM E2658-15	:
Digital Yarn Tension meter	:	: To measure the yarn tension on warping & weaving process	:	:
Digital Salt spray Chamber	: 0˚C to 110˚C	: Testing corrosion resistance for metals, alloys.	: ASTM B117	: IS 9844
Equipments For Wider Fabrics				
Bundasmann Appratus	:	: To measure Water repellency (BWR Test) of fabrics	:	: IS:6803:1972
Pressure Head	: NA	: To measure Water repellency of fabrics	:	: IS:2422,ANX.2
Cone Testing	: 25˚C to 350˚C	: To measure Water repellency	:	: IS :7941:1976
Launderometer	:	:	:	: IS :764 & 4802-1988
Shrinkage tub	: NA	: To measure Dimentional change/Stability of fabric	:	: IS:2977-1989
Spray Tester	: NA	: For Water Repllency test on fabrics	:	: ISO:4920:1981
Bursting Strength Tester	:	: To measure the bursintg strength of Fabrics	:	: IS:1966:1975
De-Matia Flexing	:	: To check crackness of pucoated fabric	:	: IS:3400-Pt.01 & 07
Pilling Tester	:	: To check Pilling strength of pile fabric	: ASTM D3511-05	: IS:10921-1994
Furness	:	: To find out the Ash Content	:	: IS:6803:1972
Others				
Beslay Balance	:	: To find out Linear Density of cotton yarn	: ASTM D1907/1907M	: IS 1315 : 1977
Persperometer	:	: For color fastness To Perspiration,To Water & For Bleaching	: AATCC TM15	: IS :971-1983
Digital Tensile Testing Machine	:	: For color fastness To Washing & Drycleaning	: IS :764 & 4802-1988	:
Tecometer	:	: To measure the RPM of M/C	:	:
Shoxlet Apparatus	: NA	: 1. To Check % of Prooffing Copper Ash Content 2. To Check % of Scouring (MADI) Loss	: ASTM C613-19	: IS:6803,ANX.D IS:1383-1993

(Scan below QR Codes to see our sample test reports)

1 2 3 4 5 6 7 8

1. Cl 1-Shuttle Loom-Aramid Tapes
2. Cl 1-Shuttle Loom-Nylon Tapes (Dyed)
3. Cl 1-Shuttle Loom-Cotton Tapes (Natural)
4. Cl 1a & 2-Needle Loom-Nylon Tapes (Natural)
5. Braided Cords-Aramid
6. Braided Cords-Nylon
7. Cl 1a & 2-Needle Loom-Nylon Tapes (Dyed & Resin)
8. Cl 1a & 2-Needle Loom-Elastic Tapes

Our In-House Testing & LABORATORY

VIRAJ Quality Management System (QMS) is certified to **ISO 9001:2015**. Quality efforts include an emphasis on continuous improvement and defect prevention.

Over the years we have implemented a full-scale R&D laboratory, manufacturing/weaving facilities along with a processing and finishing plant, redefining our role from a weaver and coater to a total textile solution provider.

VIRAJ in-house Quality Assurance Laboratory operates daily to assure conformance to specifications at every stage of production. Customers can be assured that all military, aerospace, Fall Protection, Cargo Lifting Slings and customer-specific requirements will be met.We are able to provide 100% traceability of our goods and provide all appropriate supporting documentation.

(Scan below QR Codes to see our testing video)

1 2 3 4 5 6 7

8 9 10 11 12 13

1. Conditioning the Sample Before Testing
2. Measure Breaking Strength/GPD of Yarn
3. Measure Yarn TPM & Yarn Ply/Fold
4. Measure Melting Point of Yarn
5. Measure Weight/Meter of Webbings & Cords
6. Measure Thickness of Webbing/Tapes
7. Testing of Abraision on Webbings
8. Measure Breaking Strength of Webbing Tapes/Cords
9. Measure Breaking Strength of Tapes/Cords
10. Conditioning & Resistance to Heat Testing Purpose
11. Measure Color Fastness & Rubbing
12. Measure Color/Shade Variation
13. Measure Wasing Fastness of Webbing/Tapes



Conditioning Chamber with thermostat Range (0-110° C)



Electronic Weighing Balance (0.001g & 0-220g)



Digital Yarn Tensile Testing , Capacity 50 kgf



Digital Tensile Testing Machines (20,000 Kgf max)



Digital Tensile Testing Machines (100,000 Kgf max)



Chemical Analysis for Fibre Identification



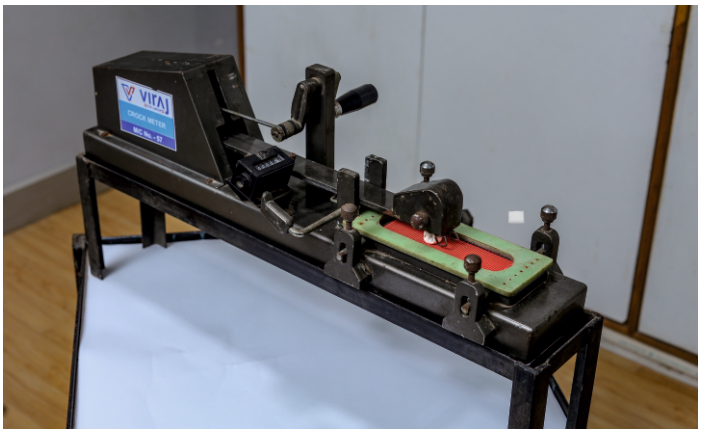
Thickness Gauge (0-10 mm & LC 0.01 mm)



Digital Yarn Tension meter



Twist Tester Motorized (0-99999 counts)



Crock Meter/Rubbing-Wet & Dry



Counting/Pick Glass (1.0 x 1.0 inch)



Digital Ph Testing Meter



Digital Yarn Melting Point Testing



Washing Fastness Testing (Laundering)



Shade matching cabinet



Spectrophotometer for shade matching testing



Oven with timer and Temp. Control (1° C - 250° C)



Cold Conditioning Chamber upto - 45 degree



Webbing Abraision Cyclic testing



Force/Impact measuring



Resistance to Heat



Resistance to Light



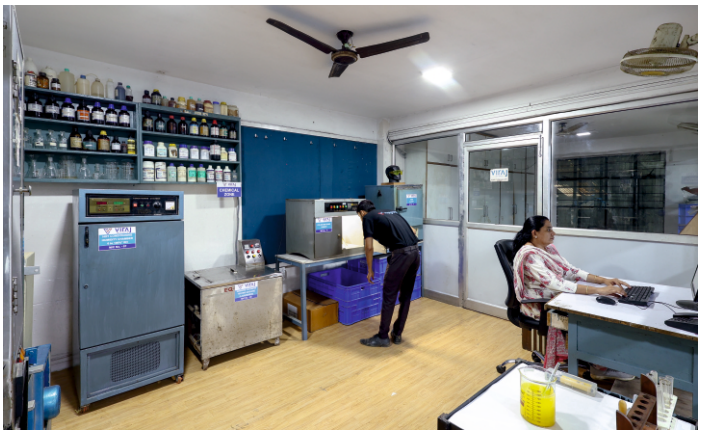
Lab Office



Lab Office



Physical Lab



Chemical Lab

Do You Have Questions?

We have answers (well, most of the times!)

Below you'll find answers to the most common questions you may have. If you still can't find the answer you're looking for, just contact us!

Do You offer samples ?
Yes, sample to test quality and Pre Production sample are available

How fast can you send a sample product?
Normally, 7-10 days, for some special products need to re-confirm.

How long will it take to receive the samples?
Yes, sample to test quality and Pre Production sample are available

How Long for manufacturing once place order?
Production Lead time is normally 4-6 weeks based on order Qty. and products.

What is your minimum order quantity(MOQ) ?
We offer flexible of minimum order quantity starting from 1000 meters

Is there any extra charges on minimum order quantity(MOQ) ?
We charge a min of USD 300 extra if Net Order value is less than USD 4000.

Are custom colors available?
Yes, color can be done by Pantone number or custom color sample.

Can we brand with our logo ?
We offer private labeling and custom logos, including printing, embroidering, engraving, labeling and packaging.

Can you arrange transportation FOB INDIA?
Shipment can be done by FOB, CIF, and DDU by sea/air/express as you like.

What kind of packaging do you offer?
Normally by 5 ply exporting caton, custom package can be done requested.

Where your factory is located ?
In Kanpur city , Uttar Pradesh state , INDIA

Do you support OEM services ?
Yes, both OEM and ODM.

What are your payment terms ?
40% advance deposit & balance before shipment.

Can we pay using Paypal or Credit cards?
NO , Paypal, Western Union and credit card payments are NOT acceptable.

What fibers are your webbings made of ?
The majority of our webbing is made out of nylon or polyester fibers. We also weave products out of high-performance fibers, such as Para-Aramid (Kevlar®), Meta-Aramid (Nomex®), UHMWPE (Dyneema®) , Lycra®, and natural rubber.

What are your dyeing capabilities?
We have our own continious dyeing machines on site for Nylon and Polyester dyeing capabilities. We can also piece dye, Thermasol dye, or pigment dye webbing.

Do you dye to custom colors ?
Yes, sample to test quality and Pre Production sample are available

How long does an order take to be dyed?
Yes, sample to test quality and Pre Production sample are available

What are your finishing capabilities?
Our finishing department is able to apply all types of finishes such as Nano Sphere®, latex finishes, flame retardant chemistry, and anti-static finishes.

What type of “Value Added Services” does VIRAJ have?
We offer Heat cut and seal straps straight or angled , Minor assembly and sewing & Specialty packaging

Do you manufacture end products ?
We offer a cut and sew department for light assembly. Please contact a sales representative for more information.

Do you manufacture light weight webbing?
We focus on manufacturing medium to heavyweight webbing.

What kind of looms are your webbings manufactured with ?
We have a variety of looms including High speed Needle Looms , Conventional Shuttle looms & Jacquard looms.

What widths & thickness do you manufacture ?
We currently manufacture items from 1/4 inch to 12 inches & thickness ranging from 0.20 to 10.0 mm

Do you offer quantity discounts?
Yes, depending on the item.

NOTE

CONVERSIONS CHART						
Unit	Gm	daN	lbs	N	Kg	Ton
1 Kg	1000	0.98	2.2	9.81	0	0.001
1 Gm	0	0.00098	0.0022	0.0098	0.001	0.000001
1 daN	1019.71	0	2.24	10	1.019	0.00101
1 lbf	453.59	0.444	0	4.44	0.45	0.0004535
1 N	101.97	0.1	0.224	0	0.1019	0.000101
1 Ton	1000000	980.66	2204	9806.65	1000	0
1 KN	101971.62	100	0.224	1000	101.97	0.1019
Unit	Meter	Cms	Yard	Foot	Inch	Mile
1 KM	1000	100000	1093.61	3280.84	39370.1	0.621
Unit	Meter	Cm	mm	Dm		
1 INCH	0.0254	2.54	25.4	0.254		
Unit	Meter	Cm	mm	Foot	Inch	Yard
1 Meter	0	100	1000	3.28	39.37	1.093
1 Foot	0.304	30.48	304.8	0	12	0.333

Abbreviations		
Gram = Gm	Kilogram = Kg	Kilometer = KM
Pound = lbs	KiloNewton = KN	Centimeter = Cm
Newton = N	Tonne = Ton	Decimeter = Dm

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- Narrow Fabrics
- Braids | Ropes
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- Trims