MIL-DTL-5038 Nylon Tape & Webbing

Technical reference and order requirements

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Version 2026-11-17. Standard requirements and order checklist; not a batch test report.

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Legacy drawing references: MIL-T-5038 / MIL-PRF-5038

Standard requirements, not TMG batch measurements or a stock list. Confirm the proposed article and its evidence before ordering.

Classification and construction	
Class 1	Shuttle loom; nylon 6,6.
Class 1A	Shuttleless loom; nylon 6,6.
Class 2	Shuttle or shuttleless loom; nylon 6 or nylon 6,6.

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Type	Construction
I	Deleted
II	Herringbone twill tape
III	Plain-weave tape
IV	Double-plain-weave webbing
V	Herringbone twill tape
VI	Herringbone twill tape
VII	Preshrunk plain-weave tape

Selected values only; the full document, notes, inspection and color requirements still apply.

Breaking force is not a working load rating. Confirm suitability, seams and acceptance requirements with the equipment designer. A newer document or a similar width does not authorize a substitution.

Order and test requirements

Confirm the selected article, classification and dimensions before ordering. Product identifiers, current availability, sample options and batch results are confirmed for the actual quotation and order.

Tests, conditions and acceptance

Use the contracted document to agree methods, conditioning, sampling, acceptance limits and lot records. The reference values are standard requirements. They are not TMG measured results or a certificate of conformance.

- Material and yarn, loom/edge construction, width, thickness and tolerances.
- Color reference, pattern and finishing; NIR/IRR limits and conditioning where required.
- Required test methods, sampling, acceptance limits and lot-to-roll traceability.
- Quantity, sample approval, MOQ, production schedule, packaging and roll length.

Manufacturing origin

TMG manufactures in Dongguan, China. Technical performance and origin requirements are separate. China-made webbing is not offered as U.S.-origin Berry-compliant material.

Official source

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https://quicksearch.dla.mil/qsDocDetails.aspx?ident_number=5221

Contact and specification review

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https://tmgwebbing.com/mil-dtl-5038-tape-webbing.html