

BUILT-IN PROTECTION

PREMIUM QUALITY RESTRAINT WEBBING WITH
PRE-SET ELONGATION FOR COMFORT & SAFETY



RESTRAINT WEBBING (SEATBELT)

Webbing Products produces premium quality restraint webbing for excellent comfort and safety critical applications. Restraint webbing, also referred to as seat belt webbing, is designed for primary use within the aeronautical and automotive industries but is also utilised within in other diverse applications.

Applications include automotive seat belts, aeronautical restraints, baby seat belts, sporting applications and motor sport seat belts.

QUALITY ASSURED

Superior quality, application specific materials and specialised manufacturing processes provide a world class product supported by the company's ISO 9001:2015 quality management system. Vigorous in house testing to international specifications ensures compliance to stringent quality standards and peace of mind to our customers. Comparative testing confirms the superior performance of the seat belt or restraint webbing and its performance criteria when measured against the relevant specifications.

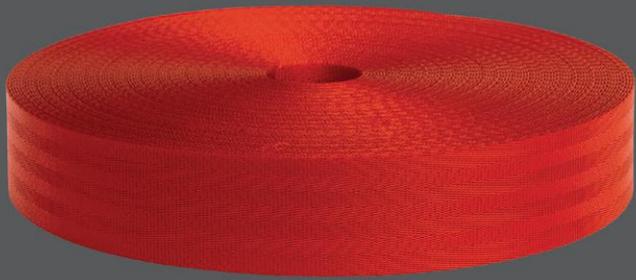
ACCREDITATION

Webbing Products is ISO 9001:2015 certified with its quality management system key in producing high quality products for global supply.



CONSTRUCTION

- Restraint or seat belt webbing can be produced in a variety of colours, weave patterns or finishes to match the precise requirements of customers. Customised product characteristics include width, thickness and tensile strength to suit any application.
- The webbing is designed and manufactured to provide specific elongation within the webbing to ensure stretch at a controlled rate, thus absorbing and dissipating collision energy and reducing the severity of an occupant's deceleration.
- Made from application specific high tenacity polyester, restraint webbing has a tensile strength sufficient to support approximately three metric tons. Restraint or seat belt webbing is made to the vehicle manufacturers' standards and specifications with safety remaining the critical factor at all times.
- The melting point of the polyester utilised is 260°C. Working temperatures range from -20°C to 150°C with peaks up to 200°C. Polyester is durable, abrasion and water resistant and resistant to ultra violet (UV) light, thus supporting key characteristics of restraint or seat belt webbings.
- Webbing is normally supplied in 100m rolls with personalised printing and branding available upon request. Longer lengths are available to special order.
- Colour conformity is ensured through the use of electronic colour masters and measuring equipment capable of measuring the smallest deviation to colour requirements.



FEATURES & BENEFITS

LOW ELONGATION

Low elongation, obtained through a specialised finishing process, reduces the inherent elongation properties of the polyester utilised within the manufacture process. This allows stretch within the webbing at a controlled rate, thus absorbing and dissipating collision energy and reducing the severity of an occupant's deceleration.

COLOUR FASTNESS

Highly resistant to ultra violet light, polyester provides the ideal yarn choice for restraint or seat belt applications. High quality dyeing facilities further ensure excellent colour fastness.

COLOUR CONSISTENCY

Colour conformity is ensured through the use of electronic colour masters and measuring equipment capable of measuring the smallest deviation to colour requirements. Reliable supply of consistent product is part of the service offering the company continually strives for.

SUPERIOR SYSTEM STRENGTHS

Restraint or seat belt webbing is manufactured from specialised high tenacity polyester yarn which ensures reliability and conformity in terms of performance while also providing the end user wearing comfort on a daily basis.

HIGH ABRASION RESISTANCE

The natural abrasion resistance of the polyester yarn, together with compact weave patterns, ensures high abrasion resistance within the webbing. This delivers on the requirements for long life spans of the end application.

SAFETY CRITICAL APPLICATIONS

The safety critical nature of the end application together with stringent international standards provide the basis for a high quality product continuously monitored through vigorous in house testing as part of the quality management system.

CONTACT DETAILS

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The purpose of this document is to detail specifications, test results and limits of the restraint or seat belt webbing range. As such, the information provided is only relevant to use within the product design and may not be relevant should the product be utilised in any improper manner.

RESTRAINT WEBBING



STOCK CODE	PRODUCT DESCRIPTION	WIDTH (MM)	WIDTH (INCHES)	BREAK STRENGTH (KG)	BREAK STRENGTH (POUNDS)	WEAVE TYPE	POPULAR COLOUR	NATURAL	STIFFENED	PIGMENTED	DYED
								• DENOTES STANDARD PRODUCTS			
C1528	11 Bar Polyester Restraint Webbing	47	1 6/7	500	1 100	Twill	Black	•			•
C2056	4 Bar Polyester Baby Seat Belt Restraint Webbing	25	1	1 000	2 200	Twill	Black	•			•
C0929	7 Bar Polyester Baby Seat Belt Restraint Webbing	38	1 1/2	1 800	3 960	Twill	Black	•			•
C2003	4 Bar Polyester Restraint Webbing	48	1 8/9	2 600	5 730	Twill	Black	•			•
C1883	Zero Bar Polyester Restraint Webbing	73	2 7/8	2 600	5 730	Twill	Black	•			•
C2057	9 Bar Polyester Seat Belt Restraint Webbing	46	1 4/5	2 700	5 950	Twill	Navy	•			•
C2114	9 Bar Polyester Seat Belt Restraint Webbing	50	2	2 700	5 950	Twill	Black	•			•
C1990	9 Bar Polyester Seat Belt Restraint Webbing	47	1 6/7	2 720	5 990	Twill	Black	•			•