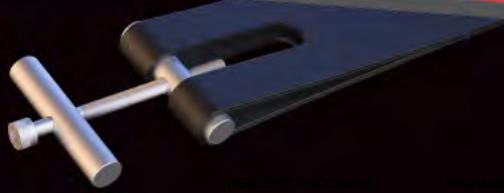
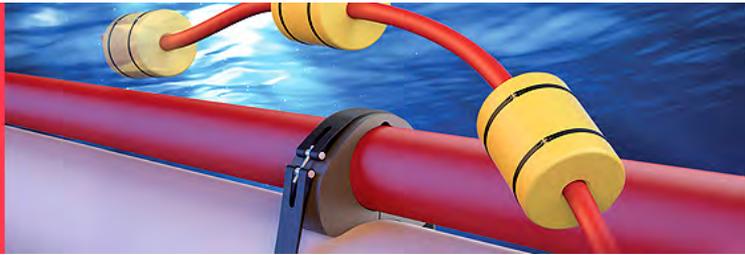


PARALOOPS

The Ultimate Synthetic Strapping Solution



PARALOOP® consists of discrete channels of high tenacity synthetic fibres in a tough and durable polymeric sheath. This combination produces an easy to use fastening of immense strength and ultra-reliable performance over a long service life.



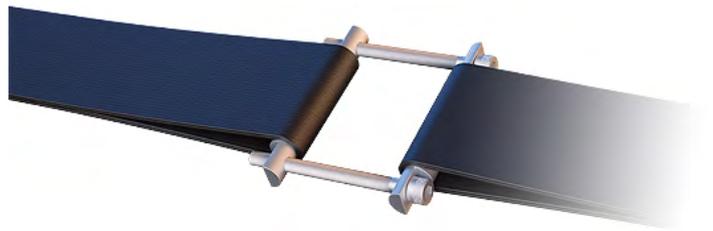
PARALOOP® FEATURES

- Unaffected by salt water
- Maintenance-free
- Does not corrode or rot
- Resistant to chemicals
- Light weight and flexible
- Quick and easy to install
- Low elongation
- Almost neutrally buoyant in sea water
- For temperatures between -100°C to +80°C

TECHNICAL DATASHEETS
SECURE LOGIN



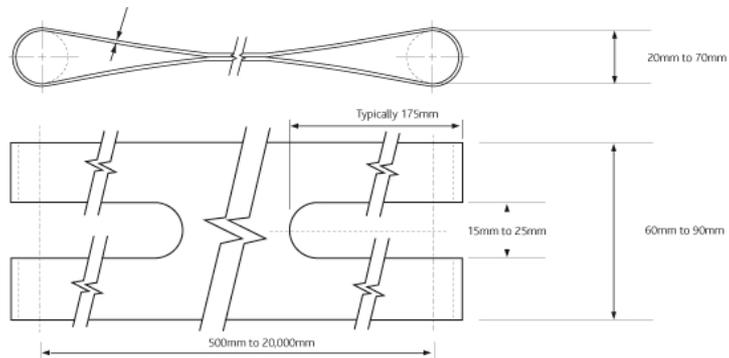
PARALOOP® straps have been used successfully in a wide range of applications all over the world for more than 40 years. Linear Composites Ltd are the pioneers of synthetic strapping solutions.



PARALOOP® straps are highly resistant to seawater and have low elongation at working loads. Strong, tough, durable and flexible, they have outstanding corrosion and chemical resistance. PARALOOP® straps are manufactured from PARAWEB® webbing; synthetic fibres inside a polymeric sheath.

Aramid fibres are typically used to give a higher modulus. The polymeric sheath is usually an EVA co-polymer, which is more flexible and stress-crack resistant, or a polyester elastomer if higher resistance to heat and abrasion is required.

PARALOOP® straps are made to suit specific customer requirements. Variations in strength, width, physical properties and durability can all be met. Combinations of fibre and sheath types can be varied to ensure PARALOOP® straps meet individual project specifications.

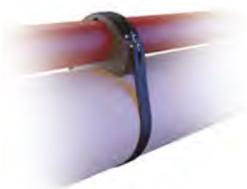


SCHEMATIC CROSS SECTIONS:
through SLOTTED PARALOOP webbing through NON-SLOTTED PARALOOP webbing

PARALOOP® straps are manufactured from PARAWEB® webbing. PARAWEB® consists of discrete channels of parallel high strength fibres encased in a polymeric outer sheath. PARALOOP® straps are produced by bonding layers of PARAWEB® webbing together to form a continuous loop.

Standard PARALOOP® range

Materials	Internal Circumferences (mm)	Width (mm) (+/-5%)	Tensile Strength (kN)	Young's Modulus (kNmm ²)
-----------	------------------------------	--------------------	-----------------------	--------------------------------------



'Piggy-Backing' Straps

Standard Modulus Aramid and EVA Polymer Sheathing	500 - 40,000	25 - 90	10 - 300	78
High Modulus Aramid and EVA Polymer Sheathing	500 - 40,000	25 - 90	10 - 250	126

1. Other Fibres and Polymer Sheathings are available to suit the In-Service Application as required. Supplied with Test Certificate on request.

Supplied with Test Certificate on request. Technical Data and specific property details are available to download in the [secure login area](#).



Straps for Buoyancy on Flexible Risers

PARALOOP® applications



Undersea or Underground structures or pipes

Linear Composites Limited
 Vale Mills, Oakworth, Keighley, West Yorkshire, BD22 0EB, UK
 Tel: +44 (0)1535 643363 Fax: +44 (0)1535 646889
 email: mail@linearcomposites.com



Multiple Fixing: Bundle Clamp Straps



Thermal Insulation Cover Straps



Anchorage