

TENAX®

Embossed PET strap



TENAX brochure

High performance polyester strapping

Elastic memory

Security of settling or cooling packs is retained as polyester TENAX maintains its grip at all times.

Surface protection

TENAX is non-abrasive - no scratching, staining, indentation or surface damage, protects vulnerable materials.

Easy handling

Being 80% lighter than steel strap and having no sharp edges, TENAX strapping is easier to handle than steel strap.

Dynamic eco-system

Our consumables together with Signode machines and tools creates a dynamic eco-system available for our customers.

TENAX

Embossed PET strapping

Reasons why our plastic product range of high-strength TENAX embossed polyester strapping are the key choice for consumers:

■ Our TENAX embossed range

TENAX high performance polyester strapping from Signode offers so many benefits for packaging metals, corrugated and cans, construction products, fibre bales, timber and paper, plus many more. Simpler to use than steel alternatives, TENAX makes strapping easier and more economical.

■ Plastic Strap Recycling program

Committed to developing ideas for recycling and reusing the products we make, Signode's recycling initiatives enable companies to recycle used TENAX polyester strapping to reduce their packaging waste and disposal costs. It's an easy, practical and economical way to fulfill your environmental safeguarding objectives.

■ Excellent service and flexibility

We have a high level of service and a flexible organization. Helping our customers with material development is an important part of our work. It encourages both parties to constantly improve and thereby strengthen positions in the market.

■ The same outstanding quality across our entire range

Signode plastic strapping is manufactured for use with hand tools and high-production power strapping machines. All types have controlled surface properties that minimize tensioning effort, increase tension transmission around corners and improve operating efficiency.

Reliable quality for your products

Want your product to arrive in peak condition? TENAX provides unbeatable protection. It's totally non-abrasive so there's no risk of scratching, staining or denting of vulnerable materials.





Key elements of our products:

Why our complete range has a solution for every customer

■ Fewer coil changes

Each coil holds up to four times more strap than steel strapping, reducing coil changes and increasing productivity.

■ Retained high tension and high resistance to splitting

Ensures that pack is always secure with no loose straps. TENAX is specially formulated to provide high resistance to strap splitting.

■ Efficient accommodation of load

Compared to steel strap, TENAX strapping offers great advantages: polyester absorbs shock far greater than steel strap thus accommodating the load more efficiently.

■ Plastic TENAX products produced in Germany, Finland and the Netherlands

Our TENAX range is produced locally at our plants in Germany, Finland and the Netherlands giving us a closer proximity to our customers.

■ Heavy duty, high strength TENAX

Sizes from 16mm x 0.59mm to 32mm x 1.27mm and up to 18,850 Newtons break strength for extra heavy duty applications.

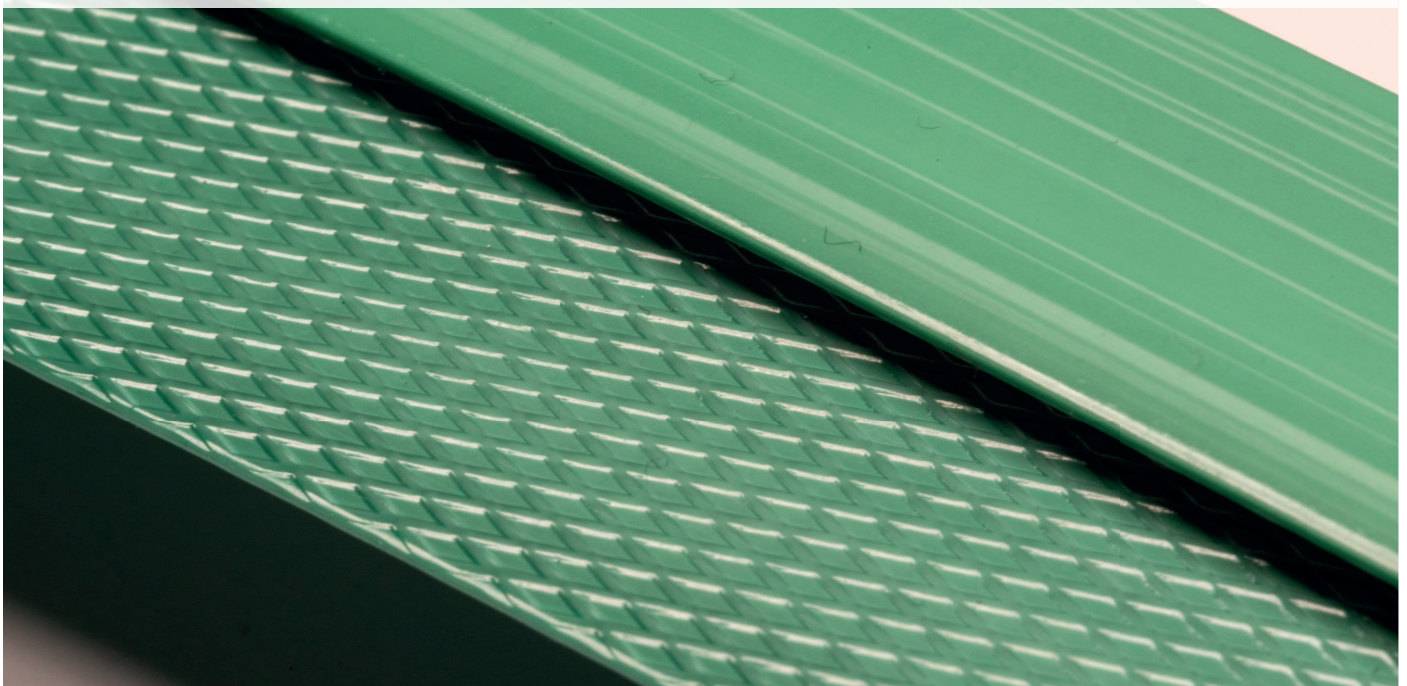
■ Maintains grip around cooling, shrinking or settling

With greater resistance to shock forces and unlike steel strap, polyester TENAX maintains its grip around a cooling, shrinking or settling pack – retaining total product security.

Embossed and Flat

Our Embossed strapping range improves grip for better feeding on large arches/chutes machines as well as enhancing friction weld quality for hand powered tools.

It reduces the chances of slip when performing a friction welded joint.



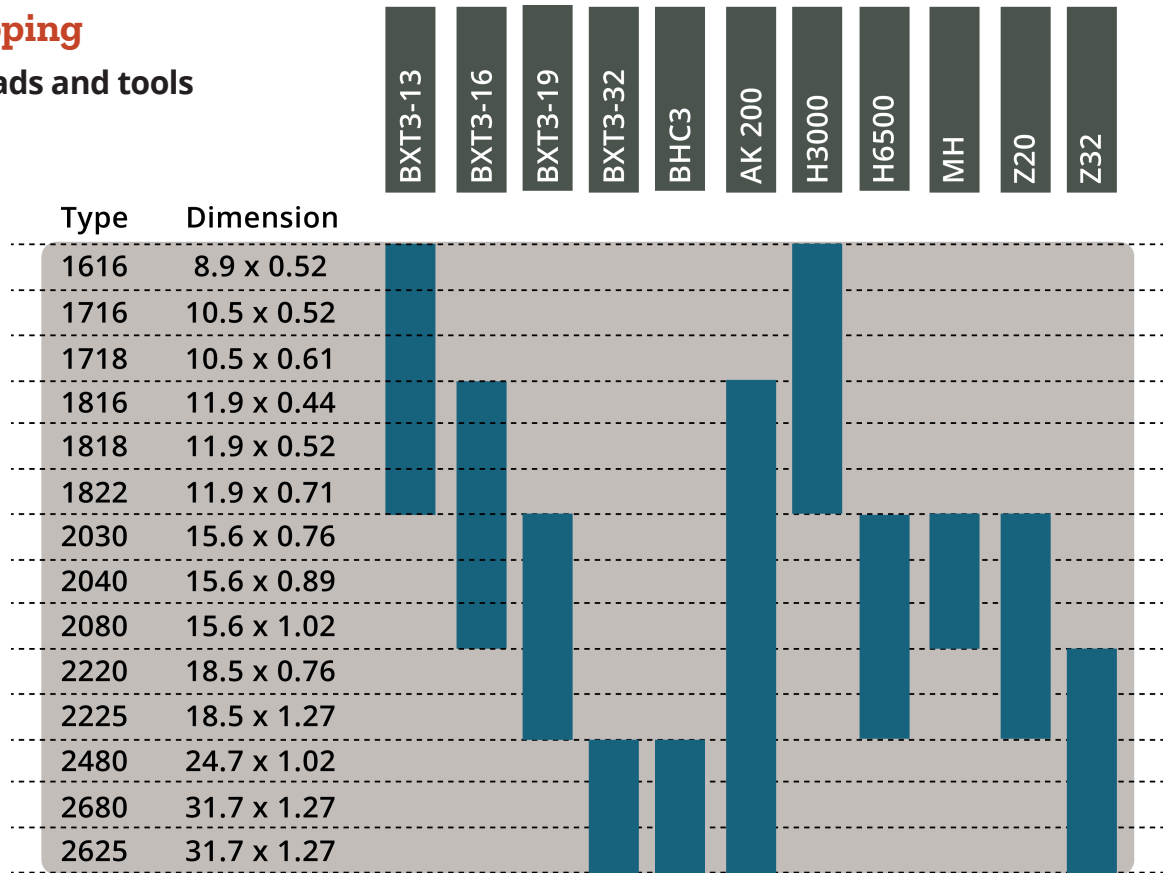
TENAX

Embossed PET strapping



TENAX strapping

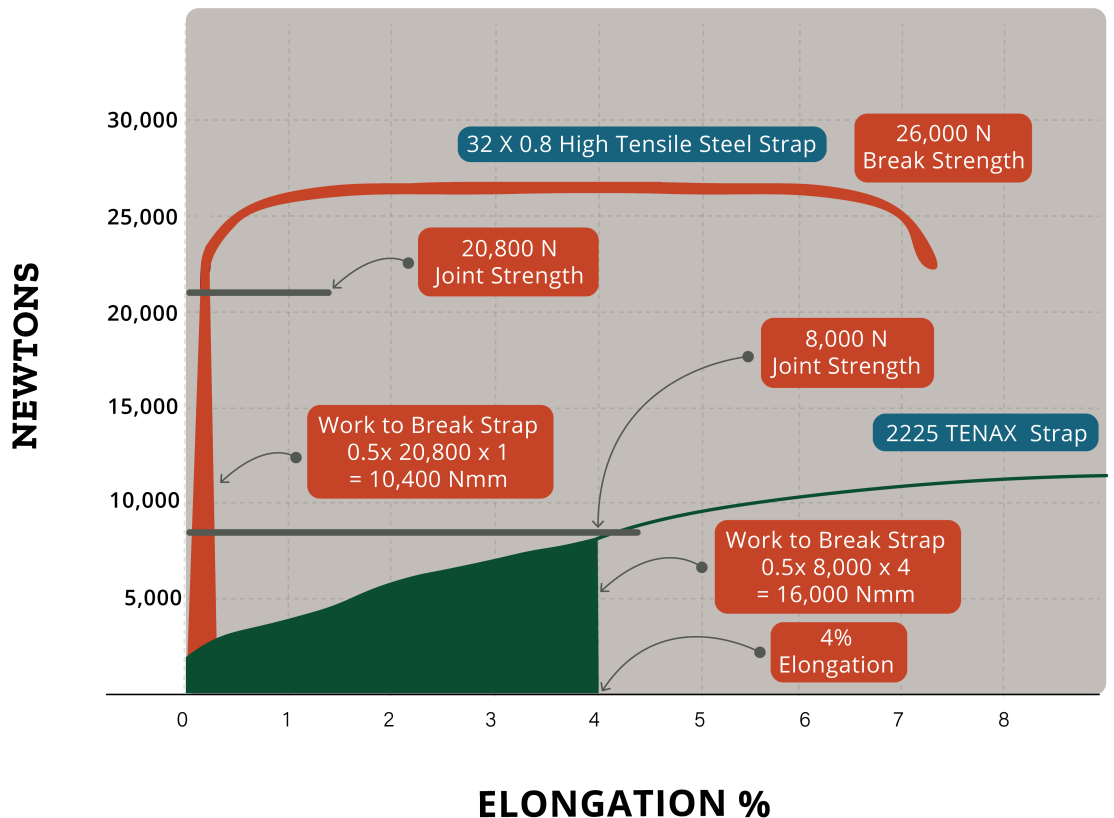
Compatible heads and tools



TENAX strapping

Load and elongation curves

HIGH TENSILE



Sustainability

How we are making a difference

TENAX strapping is recyclable

Made from recycled polyethylene, Signode's polyester strapping can be recycled many times.

Our manufacturing plants recycle used TENAX strapping as well as postconsumer and post-industrial PET containers to make new TENAX strapping.



Produced in Germany, Finland and the Netherlands

Our strapping products are produced locally in Germany, Finland and the Netherlands which not only allows for great quality control but ensures sustainability is improved in many different ways.



Close proximity to our customers

Being closer to our customers not only increases our products overall sustainability but ensures quality customer service.



Reduces overall emissions significantly

Emissions are reduced across our TENAX range.



Mark of quality

Production of TENAX strapping at our Liljendal, Dinslaken and Heerlen plants ensures a consistent quality our customers have come to expect.



**WE'LL ALWAYS
PROTECT IT.**

TENAX

Embossed Standard coil



Product Specifications

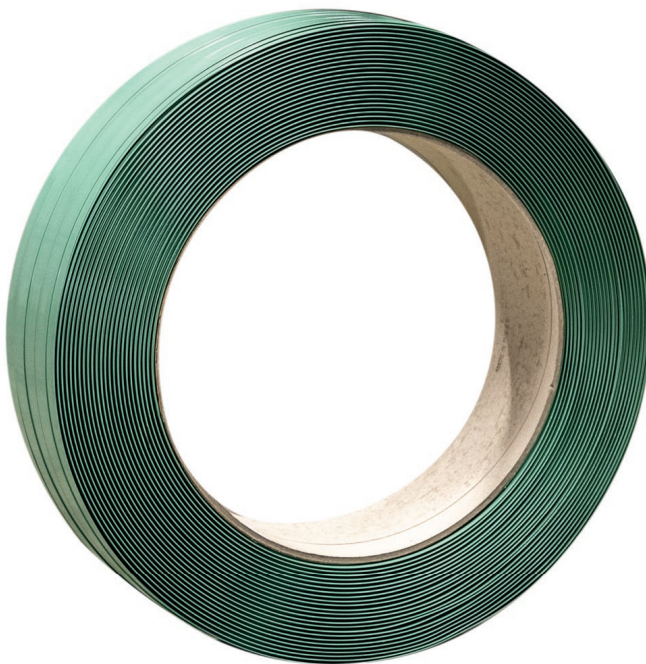
Colour	Green
Width (mm)	8.9 - 18.7
Thickness (mm)	0.52 - 1.27
Length (meter)	800 - 3700
Kg / coil	25
Core (mm)	408
Coils per pallet	24 or 48
Packaging	Stretch wrap

Technical Specifications

Tensile strength (N/mm)	420
Break strength (N)	Up to 10,500
Elongation (%)	12

Dimensions:

Image shows TENAX Embossed Standard coil
All dimensions in mm



Industries:

- Tenax embossed can be used for wood/lumber, panel board, corrugated, paper, baling, construction, logistics and F&B industries.

TENAX

Embossed Jumbo coil



Product Specifications

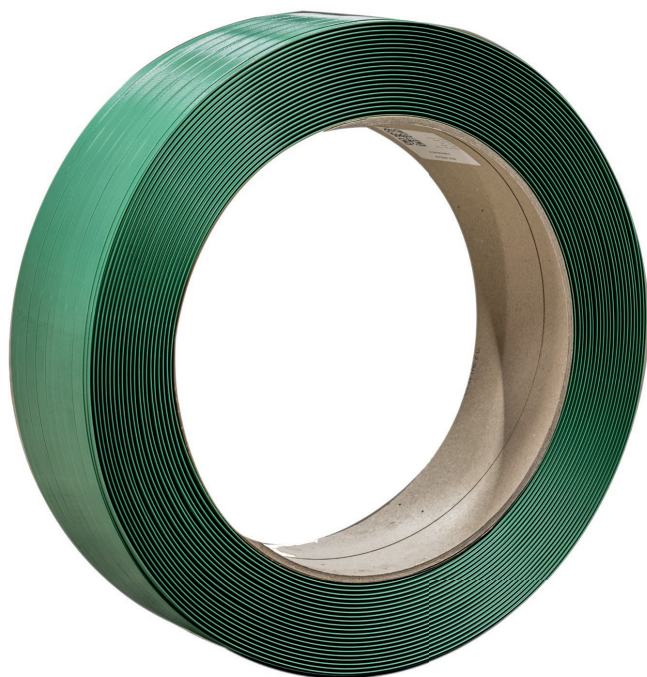
Colour	Green
Width (mm)	15.5 - 18.5
Thickness (mm)	0.72 - 1.00
Length (meter)	4800
Kg / coil	70
Core (mm)	408
Coils per pallet	6
Packaging	Stretch wrap

Technical Specifications

Tensile strength (N/mm)	420
Break strength (N)	Up to 10,500
Elongation (%)	12

Dimensions:

Image shows TENAX Embossed Jumbo coil
All dimensions in mm



Industries:

- Tenax embossed can be used for wood/lumber, panel board, corrugated, paper, baling, construction, logistics and F&B industries.

TENAX

Embossed Super Jumbo Coil



Product Specifications

Colour	Green
Width (mm)	15.5 - 18.5
Thickness (mm)	0.76 - 1.27
Length (meter)	6500
Kg / coil	115
Core (mm)	408
Coils per pallet	4
Packaging	Stretch wrap

Technical Specifications

Tensile strength (N/mm)	420
Break strength (N)	Up to 10,500
Elongation (%)	12

Dimensions:

Image shows TENAX Embossed Super Jumbo coil
All dimensions in mm



Industries:

- Tenax embossed can be used for wood/lumber, panel board, corrugated, paper, baling, construction, logistics and F&B industries.