

TENAX®

High performance polyester strapping

Retained tension for pack security

Improved product protection

Elastic memory maintains tension

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

Surface protection for products

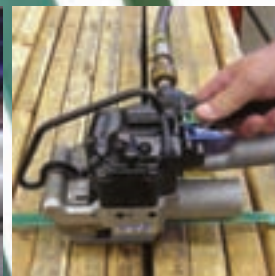
Tenax® is non-abrasive - no scratching, staining, indentation or surface damage, protects vulnerable materials.

Easy handling

Being 80% lighter than steel it is much easier to handle. With no sharp edges and being less sharp than steel, Tenax® is less likely to cause injury.

Easy recycling

Inert and non-contaminating, it's manufactured using post consumer polyester material from our own recycling facility and after use can be easily chopped up and stored for further recycling.



Heavy duty, high strength Tenax®

Sizes from 9mm x 0.52mm to 32mm x 1.27mm and up to 18,850 Newtons break strength for extra heavy duty applications.

High resistance to splitting

Tenax® is specially formulated to provide the highest resistance to strap splitting.

 **SIGNODE®**

POLYESTER STRAPPING

TENAX®

High performance polyester strapping

Packaging with SIGNODE for improved

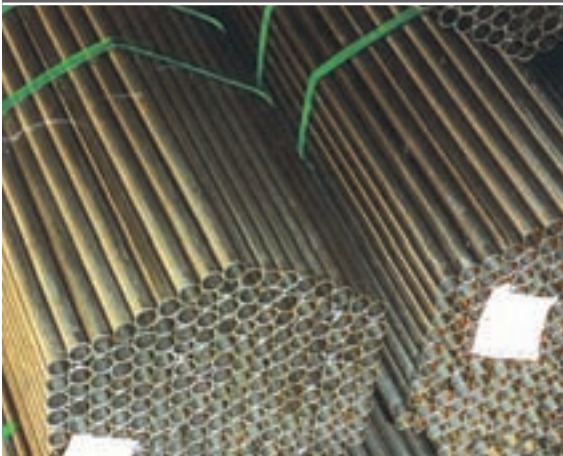
Tenax® high performance polyester strapping from Signode offers so many benefits for packaging metals, corrugated and cans, construction products, fibre bales, timber and paper, plus many more. Safer to handle and simpler to use than steel alternatives, Tenax® makes strapping easier and more economical.

- Retained high tension – ensures that pack is always secure with no loose straps
- Enhanced product protection and security
- High strength, heavy duty Tenax® for the toughest, most demanding applications
- Provides the highest degree of split resistance
- Fewer coil changes - each coil holds up to four times more strap than steel, reducing coil changes and increasing productivity



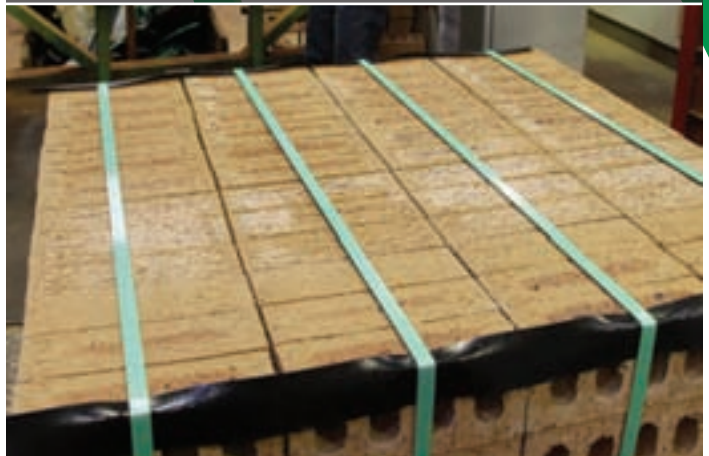
Safer to handle, simpler to store,

Protected product condition



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. Generally, there's no need for edge protection either.

High strength and no relaxing



Extremely strong, tests have shown that Tenax® has a break strength of up to 18,850 Newtons and an impact resistance five times greater than comparable steel strapping – plus greater resistance to shock forces. And unlike steel, polyester Tenax® maintains its grip around a cooling, shrinking or settling pack – retaining total product security.

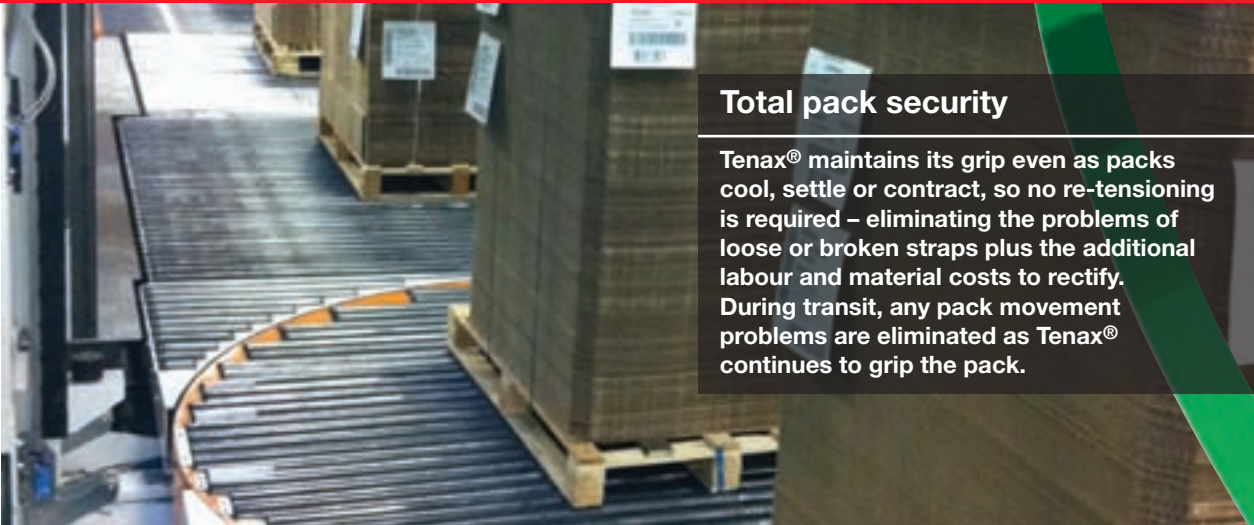
SIGNODE head technology

Used with Signode's MH, Z20, Z32 and AK200 strapping heads, Tenax® delivers the exceptionally high levels of tension once only available with steel strap. High feed and take up speeds plus unbeatable reliability all add up to increased productivity.



TENAX®

protection and security



Total pack security

Tenax® maintains its grip even as packs cool, settle or contract, so no re-tensioning is required – eliminating the problems of loose or broken straps plus the additional labour and material costs to rectify. During transit, any pack movement problems are eliminated as Tenax® continues to grip the pack.



Tenax® makes strapping easier



No sharp edges, less spring back

Tenax® has no sharp edges to cut or damage the load and is safer to work with. When cut, strap spring back is significantly less than steel, enhancing the safety of personnel.



Heavy duty, high strength Tenax®

Now available up to 32mm x 1.27mm with 18,850 Newtons break strength, Tenax® is more than a match for the toughest, heavy duty applications.

Green credentials

Tenax® is up to 80% lighter than steel reducing freight costs and storage space. It's manufactured using up to 100% polyester post consumer waste from our own recycling plant where we clean, wash, chop and pelletise material to the highest standards. Tenax® is also very easy to store in chopped form after use ready for further recycling.



TENAX®

High performance polyester strapping

Technical specification and applications

TENAX STRAP - GENERAL PURPOSE

PRODUCT	WIDTH	THICKNESS	BREAK LOAD	COIL TYPE	COIL LENGTH	PRODUCT CATEGORY
	mm	mm			Kg	
1616	9.20	0.52	201	S	3810	C
1716	11.10	0.52	242	S	3200	B
1718	11.10	0.60	280	S	2743	B
1818	12.70	0.52	277	S	2743	B
1822	12.70	0.71	379	S	1981	B
2025	15.62	0.64	420	S	1600	B
2030	15.62	0.76	500	S	1402	A
2040	15.62	0.90	590	S/J	1220/3810	A/B
2080	15.62	1.00	656	S/J	1066/3400	B/B
2220	18.55	0.95	780	S/J	915/2747	B/B
2225	18.55	1.27	1002	S/J/SJ	731/2194/3787	A/B/C
2480	24.50	1.02	1145	S/J/SJ	666/2070/3330	C/C/C
10050	25.00	1.27	1334	S/J	550/1650	B/B
2680	32.00	1.00	1344	S	550	B
2625	32.00	1.27	1748	S/J	457/1371	C/C

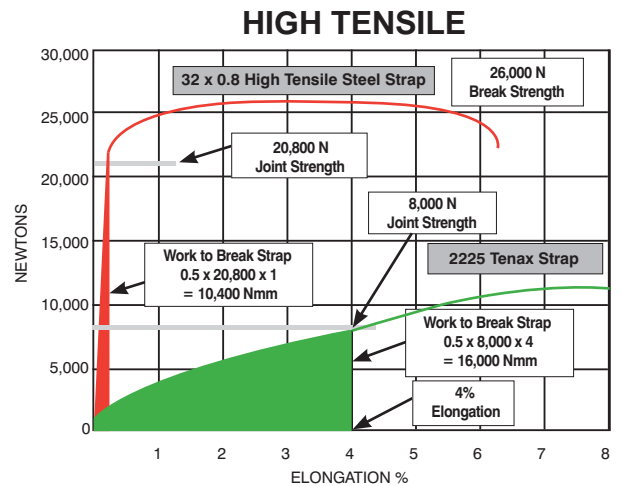
Thickness Tolerance +/-0.05mm, Width Tolerance +/- 0.64, Break Load Tolerance +/- 5%
 Elongation 10%-15%, Camber: Max 150mm in 2.4 Mtr, Surface: Smooth
Coil Type : S - Standard Coil, J - Jumbo, SJ - Super Jumbo
Product Category : A - Ex Stock, B - 15 Days Lead Time, C - On Order

TENAX STRAP - BALING & EMBOSSED

PRODUCT	SURFACE	WIDTH	THICKNESS	BREAK LOAD	COIL LENGTH	PRODUCT CATEGORY
		mm	mm			
2030 B	Smooth	15.30	0.75	460	1402	B
2040 B	Smooth	15.62	0.90	590	1220	B
2040 FJ	Smooth	15.62	0.95	600	3810	A
2080 B	Smooth	15.62	1.00	645	1066	B
2220 B	Smooth	18.55	0.95	765	915	C
2225 B	Smooth	18.55	1.27	942	731	C
2225 Cotton J	Smooth	19.00	1.40	1050	1950	C
10X0.53	Embossed	9.30	0.53	185	3000	A
13X0.56	Embossed	12.50	0.56	250	2500	A
13X0.69	Embossed	12.50	0.69	315	2000	A
16X0.69	Embossed	15.50	0.69	390	1600	A
16X0.79	Embossed	15.50	0.79	420	1600	B
16X0.91	Embossed	15.50	0.91	525	1200	C
16X1.07	Embossed	15.62	1.00	575	1066	C
19X1.07	Embossed	19.25	1.07	670	780	C
19X1.32	Embossed	19.25	1.32	970	750	C
25X1.32	Embossed	25.00	1.32	1150	550	C

Thickness Tolerance +/-0.05mm, Width Tolerance +/- 0.64, Break Load Tolerance +/- 5%
 Elongation 10%-20%, Camber: Max 150mm in 2.4 Mtr
Coil Type : B - Baling, FJ - Fibre Jumbo
Product Category : A - Ex Stock, B - 15 Days Lead Time, C - On Order

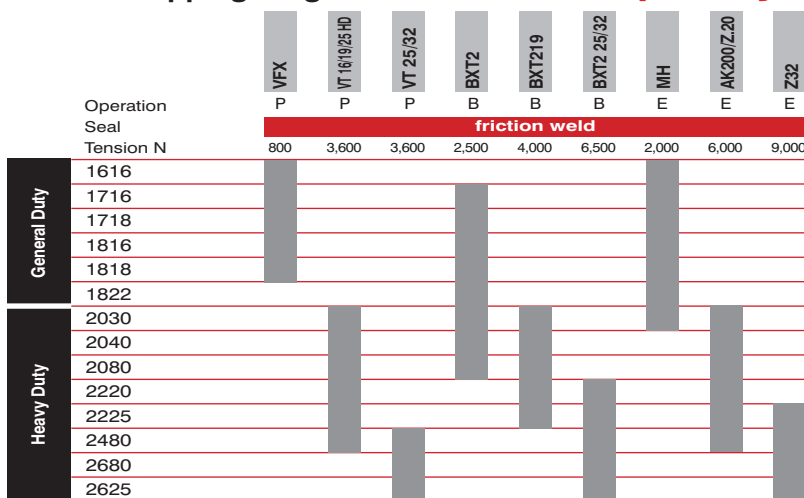
Tenax® strapping load and elongation curves



BXT2 Tool

VT-HD Tool

Tenax® strapping range head and tool compatibility



Key: B=Battery E=Equipment P=Pneumatic



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