

Tenax



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High performance polyester strapping

Highly Sustainable

Manufactured using post-consumer polyester material and can be recycled after use

Unparalleled Performance

Manufactured with a proprietary process to reduce splitting for superior retained tension

Maximum Versatility

Yields high break strengths making it ideal for countless packaging applications

Operating Efficiency

Controlled surface properties minimize tensioning effort to extend tool and machine life

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High performance polyester strapping



Tenax a high performance polyester strapping from Signode offers many benefits for packaging metals, corrugated (materials/sheets?) and cans, construction products, fibre bales, timber, paper, etc. Tenax is manufactured with the unique technology of twin-screw extrusion which ensures elimination of dimensional defects such as curl, camber or twist and make it suitable for use in automatic strapping machines. Tenax is safer to handle and simpler to use than steel alternatives and makes strapping easier and more economical.



Features and benefits

■ Superior Strength

It has eminent impact strength, high retained tension, excellent elongation & elongation recovery which provides exceptional shock absorption capacity which ensures the straps do not loosen in handling or transit.

■ Application Versatility

Tenax strap depicts excellent physical properties because of which it can be used for different types of applications. It can also be used in a wide range of operating temperatures and is resistant to weather conditions.

■ Safer Operations

Tenax is soft and has smooth edges that ensure safer operation during application and handling. Its light weight coils make it easy to handle manually and each coil has four times the yield of steel strap reducing the number of coil changes.



Tenax Strap Technical Specifications

Product	Type	Width	Thickness	Break Load	Coil Length
		(mm)	(mm)	Min (kg)	(Meters)
1616	Plain	9.2	0.52	191	3810
1716	Plain	11.1	0.52	230	3200
1718	Plain	11.1	0.6	266	2743
1818	Plain	12.7	0.52	263	2743
1822	Plain	12.7	0.71	360	1981
2025	Plain	15.62	0.64	399	1600
2025 J	Plain	15.62	0.65	399	4810
2030	Plain	15.62	0.76	475	1402
2040	Plain	15.62	0.9	561	1220
2040 J	Plain	15.62	0.9	561	3810
2040 FH	Plain	16	0.95	580	1160
2040 F	Plain	16	0.95	580	1220
2080	Plain	15.62	1	623	1066
2080 J	Plain	15.62	1	623	3400
2220	Plain	18.55	0.95	741	915
2220 J	Plain	18.55	0.95	741	2747
2225	Plain	18.55	1.27	952	731
2225 J	Plain	18.55	1.27	952	2194
2225 HT J	Plain	18.55	1.27	1045	2194
2480	Plain	24.5	1.02	1040	666
2480 J	Plain	24.5	1.02	1040	2070
10050	Plain	24.5	1.27	1267	550
10050 J	Plain	24.5	1.27	1267	1650
2680	Plain	32	1	1277	550
2680 J	Plain	32	1	1277	1650
2625	Plain	32	1.27	1707	457
2625 J	Plain	32	1.27	1640	1371
10 X 0.53	Embossed	9.3	0.53	207	3000
1718 EMB	Embossed	11.1	0.6	280	2743
12 X 0.68	Embossed	11.65	0.68	300	1500
12 X 0.90	Embossed	11.65	0.9	450	1700
13 X 0.56	Embossed	12.5	0.56	250	2500
13 X 0.69	Embossed	12.5	0.69	315	2000
2030 B	Embossed	15.3	0.75	460	1402
16 X 0.69	Embossed	15.5	0.69	390	1600
16 X 0.79	Embossed	15.5	0.79	420	1600
16 X 0.91	Embossed	15.5	0.91	525	1200
16 X 1.00	Embossed	15.62	1	575	1066
2040 B	Embossed	15.62	0.9	590	1220
2040 FJ	Embossed	15.62	0.95	600	3810
2225 COTTON-J	Embossed	19	1.4	1050	1950
19 X 1.07	Embossed	19.25	1.07	670	780
19 X 1.32	Embossed	19.25	1.32	970	750

1. Tolerances: Thickness +/- 0.05mm, Width +/- 0.64mm, Break Load +/- 5%
2. S: Standard Coil, J: Jumbo, Sj: Super Jumbo, F: Fibre, FH: Fibre High Tension, HT: High Tension
3. Elongation: Plain - 10% to 17%, Embossed - 10% to 20%,
4. Camber: Max 150 mm in 2.4 Mtr Length