



Magnus® steel strapping

Superior strap strength for the heaviest-duty applications

Magnus® is a cold-rolled, heat-treated, medium carbon steel strapping that provides high tensile strength and excellent shock resistance for the heaviest-duty applications. Its hard, smooth, low-friction surface enables you to pull straps tighter around corners to obtain more uniform tension distribution.

Magnus is available in three finishes. Each is tailored to the requirements of particular tensioning methods, sealing devices and packaging applications.

Painted

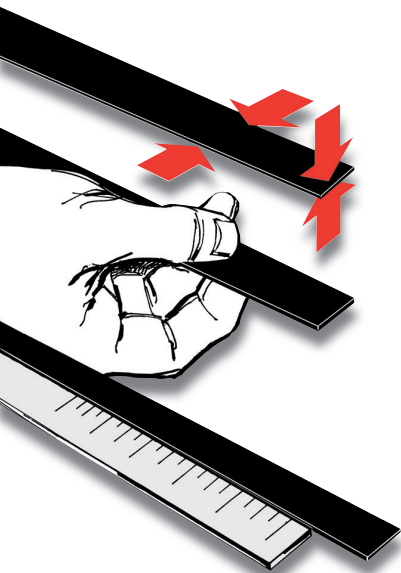
Painted strapping is coated to offer corrosion resistance and is used primarily in crimp-type seal systems to produce high joint strength.

Painted and waxed

Painted and waxed strapping, used in notch or crimp-type seal systems, improves tension transmission around load corners, while offering corrosion resistance.

Zinc painted and waxed

Zinc finish strapping is waxed and has a zinc-enriched coating to provide outstanding resistance to rust, protecting products at points of surface damage and scratches. It has the same improved tension transmission characteristics as painted and waxed strapping.



Magnus Strap Size				Part Number	Average Strength*		Yield		Coil Winding	Coil Weight lbs	Strap Finish
Width		Thickness			lbs	N	ft/lb	m/kg			
inch	mm	inch	mm								
1/2	12.7	0.020	0.51	085604	1,540	6 850	29.4	19.7	Mill	105	Painted & Waxed
5/8	15.9	0.020**	0.51	085644	1,920	8 540	23.6	15.8	Mill	105	Painted & Waxed
5/8	15.9	0.023	0.58	088432	2,200	9 790	20.5	13.7	Mill	105	Painted & Waxed
3/4	19.0	0.020	0.51	089397	2,300	10 230	19.6	13.1	Mill	105	Painted & Waxed
3/4	19.0	0.023	0.58	089370	2,640	11 740	17.1	11.5	Mill	105	Painted & Waxed
3/4	19.0	0.025**	0.64	085684	2,870	12 770	15.7	10.5	Mill	105	Painted & Waxed
3/4	19.0	0.029	0.74	2X1424	3,350	14 900	13.5	9.1	Mill	105	Painted & Waxed
1-1/4	31.8	0.025	0.64	089367	4,800	21 350	9.4	6.3	Ribbon	110	Painted & Waxed
1-1/4	31.8	0.029	0.74	2X1268	5,600	24 910	8.1	5.5	Ribbon	110	Painted & Waxed
1-1/4	31.8	0.029	0.74	2X1296	5,600	34 910	8.1	5.5	Ribbon	110	Zinc
1-1/4	31.8	0.035	1.12	0X4985	6,660	29 630	6.7	2.0	Ribbon	110	Painted & Waxed
1-1/4	31.8	0.044	1.12	2X1438	8,450	37 590	5.3	3.5	Ribbon	110	Painted & Waxed
2	50.8	0.044	1.12	2X1439	13,200	58 720	3.3	2.2	Ribbon	120	Painted & Waxed

* Strap break strengths are listed as averages. Always use American Society for Testing Materials (ASTM D-3953) minimum break strengths for package design/safety factor purposes. For proper strap selection, contact your Signode sales representative.

** 300 ft. demonstration coils are available for these sizes.