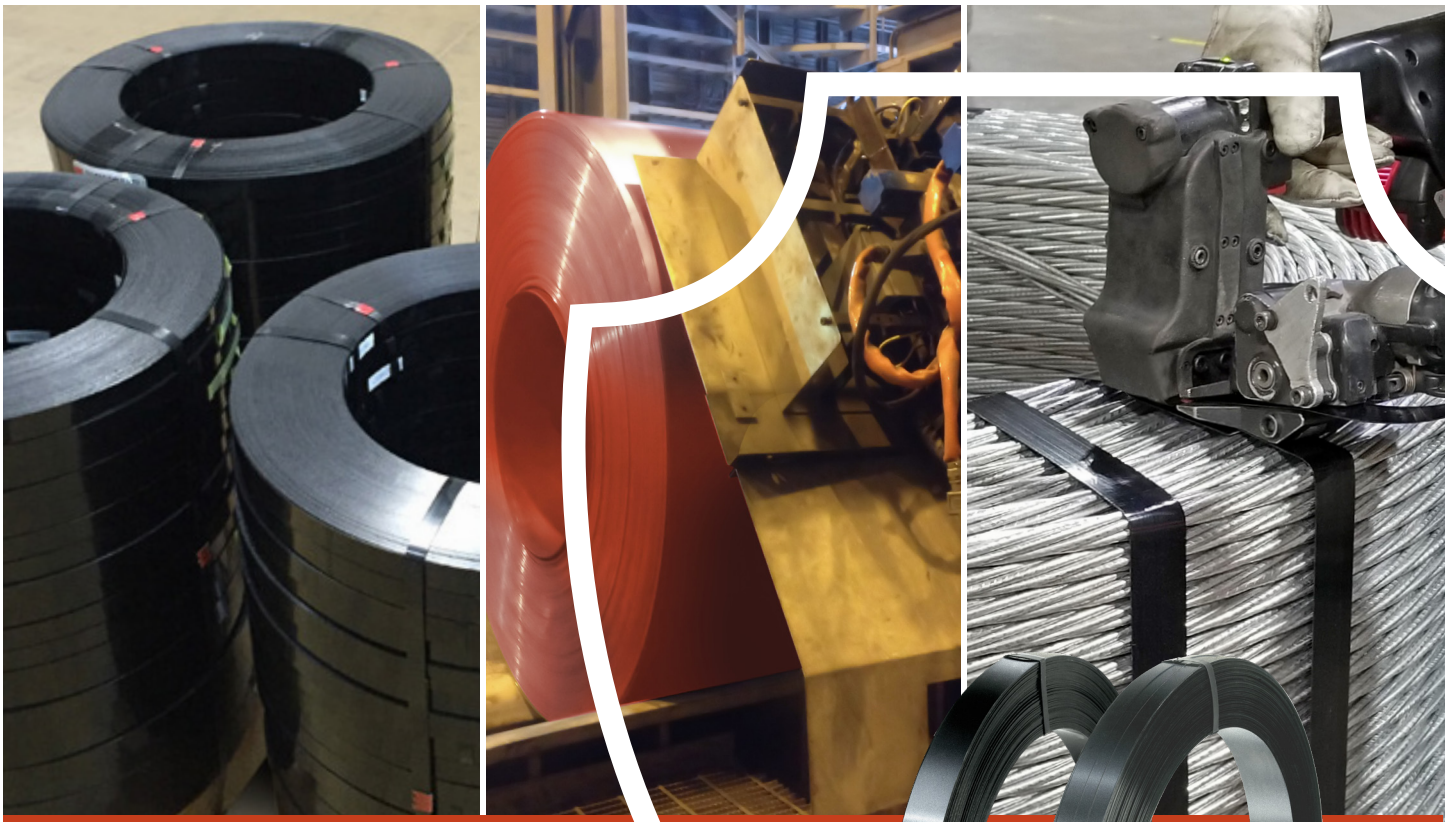
Magnus

pack bundle unitize warehouse transport



Magnus
Steel strapping

Maximizes Package Reliability

High tensile strength with excellent shock resistance

Optimizes Load Stability

Low-friction surface properties enable tight tension transmission

Application Versatility

Multiple finishes available for varying products and application equipment

Minimizes Product Damage

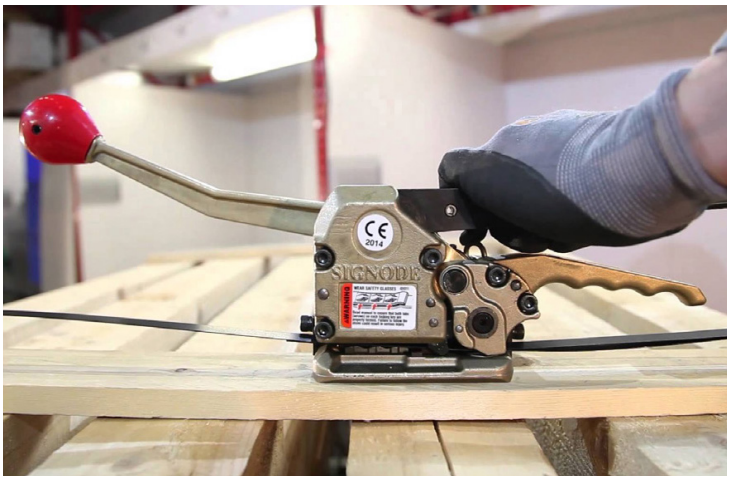
Offers superior corrosion resistance to protect products from surface damage

SIGNODE

Magnus
Steel strapping

pack | bundle | unitize | warehouse | transport

Magnus® strapping is a cold-rolled, heat-treated, medium carbon steel strapping that provides high tensile strength and excellent shock resistance. Manufactured to the most exacting tolerances, it provides uncompromising quality and packaging effectiveness for the heaviest-duty applications.



Features and benefits

Available in three finishes, each Magnus strapping product line is specially formulated to meet the demands of a range of tensioning methods, sealing devices and packaging applications.

- **Painted and waxed**
  Painted and waxed strapping is the most widely used strapping in all applications. The waxed property improves tension transmission around load corners, while the paint improves corrosion resistance.
- **Zinc painted and waxed**
  Zinc finish strapping is waxed and has a zinc-enriched coating to provide outstanding resistance to rust. It has the same improved tension transmission characteristics as painted and waxed strapping.
- **Blued and waxed**
  Blued and waxed strapping, ideal for hot applications and used in spot-welding, produces high joint strengths with basic corrosion resistance.

Magnus Technical Specifications

Strap Size				Strength*		Strap Finish	Coil Winding	Coil Yield		Coil Weight	
width		gauge									
mm	inch	mm	inch	N	lbs			m/kg	ft/lb	kg	lbs
12.7	1/2	0.51	0.020	6850	1,540	Painted & Waxed	Mill	19.7	29.4	47.6	105
15.9	5/8	0.51	0.020	8540	1,920	Painted & Waxed	Mill	15.8	23.6	47.6	105
15.9	5/8	0.58	0.023	9790	2,200	Painted & Waxed	Mill	13.7	20.5	47.6	105
19.0	3/4	0.51	0.020	10230	2,250	Painted & Waxed	Mill	13.1	19.6	47.6	105
19.0	3/4	0.58	0.023	11740	2,600	Painted & Waxed	Mill	11.5	17.1	47.6	105
19.0	3/4	0.64	0.025	12450	2,800	Painted & Waxed	Ribbon	10.5	15.7	47.6	105
19.0	3/4	0.64	0.025	12450	2,800	Painted & Waxed	Mill	10.5	15.7	34.0	75
19.0	3/4	0.64	0.025	12450	2,800	Zinc	Mill	10.5	15.7	47.6	105
19.0+	3/4+	0.74	0.029	14900	3,350	Painted & Waxed	Ribbon	9.1	13.5	47.6	105
19.0+	3/4+	0.74	0.029	15125	3,400	Painted & Waxed	Ribbon	9.1	13.5	34.0	75
25.1^	1^	0.80	0.031	20700	4,655	Painted & Waxed	Ribbon	6.3	9.4	49.9	110
31.8	1-1/4	0.64	0.025	21350	4,800	Painted & Waxed	Ribbon	6.3	9.4	49.9	110
31.8+	1-1/4+	0.74	0.029	24910	5,600	Painted & Waxed	Ribbon	5.5	8.1	49.9	110
31.8+	1-1/4+	0.74	0.029	25000	5,600	Zinc	Ribbon	5.5	8.1	49.9	110
31.8	1-1/4	0.79	0.031	25132	5,650	Painted & Waxed	Ribbon	4.3	6.5	49.9	110
31.8	1-1/4	0.89	0.035	29630	6,660	Blued & Waxed	Ribbon	4.5	6.7	49.9	110
31.8^	1-1/4 ^	1.00	0.039	32200	7,239	Painted & Waxed	Ribbon	4.0	6.0	49.9	110
31.8	1-1/4	1.12	0.044	37590	8,450	Painted & Waxed	Ribbon	3.5	5.3	49.9	110
50.8	2	1.12	0.044	58720	13,200	Painted & Waxed	Ribbon	2.2	3.3	54.4	120

^*Not available in United States,* +*Only available in United States*

*****_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._

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