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

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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

Painted & Waxed Color	Part Number	Strap Information						Coil Information				
		Width		Gauge		Break Strength		Coil Winding	Yield		Weight lbs	Per Pallet
		Inch	mm	Inch	mm	lbs	N		ft/lb	M/kg		
Black	085644	5/8	15.9	.020	0.51	1,900	8,444	Mill	23.6	15.8	105	12
	088432			.023	0.58	2,200	9,778		20.5	13.7		
	089397	3/4	19.0	.020	0.51	2,300	10,222		19.6	13.1		
	089370			.023	0.58	2,640	11,733		17.1	11.5		
	085684			.025	0.64	2,870	12,756		15.7	10.5		
Zinc	076310			.025	0.64	2,870	12,756		15.7	10.5		
Painted & Waxed	2X1424			.029	0.74	3,350	14,889		13.5	8.9		
	2X1295			.029	0.74	3,350	14,889	Ribbon	13.5	8.9	75	32
	089367	1-1/4	31.8	.025	0.64	4,800	21,333		9.4	6.3	105	20
	2X1268			.029	0.74	5,600	24,889		8.1	5.5		
	2X1268M			.029	0.74	5,600	24,889		8.1	5.5		40
Zinc	2X1296			.029	0.74	5,600	24,889		8.1	5.5		20
Zinc /Anchor	0X6233P			.029	0.74	4,020	17,867		8.1	5.5		
Black	085730			.031	0.79	5,650	25,111		7.6	5.1		
	0X4985			.035	0.89	6,660	29,600		6.6	4.4		
	0X4985M			.035	1.12	8,450	37,556		5.3	3.5		40
	2X1438			.044	1.12	8,450	37,556		5.3	3.5	120	20
	2X1439	2	50.8	.044	1.12	13,200	58,667		3.3	2.2		15

AAR-11 is approved for Magnus HT. AAR General Rules and Loading Figures are applicable on which straps to use if loading Open Top or Closed Car figures. Consult with your Signode Sales Representative.

*****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.*

The company reserves the right to make technical alterations without prior noti ication.
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