

STEEL STRAP



| EMVIUS AUTO STRAP (Regular Duty)

The **EMVIUS AUTO STRAP** meets the highest quality requirements in strapping and sets new standards for quality and endurance. The steel strap undergoes a special heat treatment, which ensures its peculiar features like- elongation properties, shock resistance, and higher strength of the finished product and produces an oxide layer that provides it non-corrosive properties. Electrophoretic coating ensures uniform, controlled, and ecological surface treatment. The **EMVIUS AUTO STRAP** undergoes a rounding of edges that makes it more secure, reduces abrasions, prevents contamination, and minimizes the risk of injuries. **EMVIUS AUTO STRAP** is also treated with a waxed surface to prevent cold welding due to its friction properties. **EMVIUS AUTO STRAP** is ideal for automatic strapping applications as well as manual/hand-held endeavors.

| Highlights & Features

-  **Low to Moderate Duty**
-  **Improves Load Stability**
-  **Reduced costs on material and shipping**
-  **Safety of Operators**

| EMVIUS MEGA STRAP (Heavy Duty)

High-tensile steel strap that is essential during safe packaging of heavy-duty applications like hot-rolled coils and cold-rolled coils. A special heat treatment induces a structural change in the material exposed to high temperatures, enhancing strength, elongation at break, and shock resistance. This results in tremendous strength, high consistency, and an excellent elongation property of 12%. The **EMVIUS MEGA STRAP** undergoes several tests. The **EMVIUS MEGA STRAP** also undergoes a rounding and waxing surface process that protects from injuries and prevents corrosion. **EMVIUS MEGA STRAP** is ideal for automatic strapping applications as well as manual/hand-held endeavors. These high-tensile properties make this steel strap ideal for the heaviest applications.

| Highlights & Features

-  **Improved Tension Transmission**
-  **Reduces Product Damage**
-  **Enhances Package Durability**
-  **Corrosion Resistant**

EMVIUS AUTO STRAP (Regular Duty)

Size		Width		THK		Yield	UTS		Break Load		Elongation (A5) Min	Application	Bends	Paint Thickness
		Inch	mm	Inch	mm	Mtrs/Kg	Min	Max	Min	Max			Min	in Microns
							Kg/mm²		Kgs					
1215	-	1/2"	12.7	0.015	0.38	26.5	77	103	377	500	10%	LD	2 (1 T)	Min 1.3
1220	12.00x0.510	1/2	12.00	0.020	0.510	20.79	70.00	80.0	428	490	6%	LD	2 (1 T)	Min 3.0
1223	12.00x0.580	1/2	12.00	0.02	0.580	18.28	70.00	80.0	487	557	6%	LD	2 (1 T)	Min 3.0
5820	16.00x0.510	5/8	16.00	0.020	0.510	15.59	74.00	82.0	604	669	6%	LD	2 (1 T)	Min 3.0
5823	16.00x0.580	5/8	16.00	0.02	0.580	13.71	74.00	82.0	687	761	6%	LD	2 (1 T)	Min 3.0
3420	19.00x0.510	3/4	19.00	0.020	0.510	13.13	78.00	85.0	756	824	6%	LD	2 (1 T)	Min 3.0
3423	19.00x0.580	3/4	19.00	0.023	0.580	11.55	78.00	85.0	860	937	6%	LD	2 (1 T)	Min 3.0
3425	19.00x0.640	3/4	19.00	0.025	0.640	10.46	78.00	85.0	948	1034	6%	MD	2 (1 T)	Min 3.0
3431	19.00x0.790	3/4	19.00	0.031	0.790	8.48	78.00	85.0	1171	1276	6%	MD	2 (1 T)	Min 3.0
1425	32.00x0.640	1- 1/4	32.00	0.025	0.640	6.21	78.00	85.0	1597	1741	6%	MD	2 (1 T)	Min 3.0

LD - Light Duty Application, MD - Medium Duty Application

*Customised Strap with UTS 60 Kg/mm² with 3% Elongation is available on made to order for Light Duty Application.

EMVIUS MEGA STRAP (Heavy Duty)

Size		Width		THK		Yield	UTS		Break Load		Elongation On 152.4 mm Gauge Length	Application	Bends	Paint Thickness
		Inch	mm	Inch	mm	Mtrs/Kg	Min	Max	Min	Max			Min	in Microns
							Kg/mm²		Kgs					
5823	16.00x0.580	5/8	16.00	0.02	0.580	13.71	90.00	110.0	835	1021	Min 6.5%	LD	2 (1 T)	Min 3.0
3420	19.00x0.510	3/4	19.00	0.020	0.510	13.13	90.00	110.0	872	1066	Min 6.5%	MD	2 (1 T)	Min 3.0
3423	19.00x0.580	3/4	19.00	0.023	0.580	11.55	90.00	110.0	992	1212	Min 6.5%	MD	2 (1 T)	Min 3.0
3425	19.00x0.640	3/4	19.00	0.025	0.640	10.46	90.00	110.0	1094	1338	Min 6.5%	MD	2 (1 T)	Min 3.0
3431	19.00x0.790	3/4	19.00	0.031	0.790	8.48	90.00	110.0	1351	1651	Min 6.5%	MD	2 (1 T)	Min 3.0
1425	32.00x0.640	1- 1/4	32.00	0.025	0.640	6.21	90.00	110.0	1843	2253	Min 6.5%	HD	2 (1 T)	Min 3.0
1431	32.00x0.790	1- 1/4	32.00	0.031	0.790	5.03	92.00	110.0	2326	2781	Min 6.5%	HD	2 (1 T)	Min 3.0
1435	32.00x0.890	1- 1/4	32.00	0.035	0.890	4.47	92.00	110.0	2620	3133	Min 6.5%	HD	2 (1 T)	Min 3.0
1440	32.00x1.020	1- 1/4	32.00	0.040	1.020	3.90	92.00	110.0	3003	3590	Min 6.5%	LA	2 (1 T)	Min 3.0
1444	32.00x1.120	1- 1/4	32.00	0.044	1.120	3.55	92.00	110.0	3297	3942	Min 6.5%	LA	2 (1 T)	Min 3.0
1450	32.00x1.270	1- 1/4	32.00	0.050	1.270	3.13	92.00	110.0	3739	4470	Min 9%	LA	2 (1 T)	Min 3.0
1457	32.00x1.450	1- 1/4	32.00	0.057	1.450	2.74	95.00	115.0	4408	5336	Min 7%	LA*	2 (1 T)	Min 3.0

LD - Light Duty Application, MD - Medium Duty Application, HD - Heavy Duty Application, LA - Lashing Application, LA*-Lashing Application HR Coils

*High Strength EMVIUS ULTRA strap with higher break load that is UTS >115Kg /mm² is available on made to order.

