



Conveyor Belting

Buffalo Wire Works' conveyor belts are designed to work under abrasive and high impact conditions. They offer superior performance for a variety of applications in the mining, aggregate and recycling industries.

Our engineering team will work with each customer to help determine the most cost effective belt solution for their application needs. They will determine the best conveyor belt construction, carcass and cover based on the specific requirements of the particular conveyor system, the material being conveyed and the conditions under which it operates.



Number of Plies	3, 4
Width	24", 30", 36", 42", 48", 60"
Length	Rolls of 100 ft. to 500 ft.
Thickness	Available in a variety of thicknesses for 3 ply and 4 ply

3 ply	Working tension 330 PIW 10:1 factor of safety
4 ply	Working tension 440 PIW 10:1 factor of safety

Metal Splice Fasteners

We offer a complete line of innovative and easy to use fasteners to splice your belt by using screws. Reduce downtime and fix rubber belts quickly and efficiently. Our fasteners have self-threading screws and can be screwed directly into the conveyor belt without the need to pre-drill. These fasteners can be installed on high tensile strength belts up to 800 PIW and pulley diameters from 3" to 18". Fasteners are available in coated carbon steel or stainless steel. For more strength and a better seal, install the fastener right side up on the return side of belt, or upside down.

	MS 25	MS 35	MS 45	MS 55	MS 65
Belt thickness (in)	1/8" to 5/16"	3/16" to 3/8"	3/8" to 7/16"	3/8" to 5/8"	9/16" to 3/4"
Belt with mechanical fastener rating up to, PIW	350	360	400	600	800
Min pulley diameter (in)	3"	3.5"	5"	10"	18"
Connecting pin diameter (in)	5/32"	3/16"	1/4"	5/16"	25/64"



Superscrew

A flexible rubber splice that is fast and easy to install!

Superscrews are an innovative and fast solution for splicing your belts. Superscrews significantly reduce downtime and can bear tensions up to 250 (N/mm). Available in different varieties of rubber, superscrews can be installed regardless of the configuration of the belt, access conditions, weather conditions and temperature. These screws are self-drilling, self-taping and pierce the fibers of the belt without cutting them (no pre-drilling is required).



Features & Rubber Types

- Increases production and reduces downtime
- Installs 3x faster than your current system
- Flexible and durable

- Easy to install
- Can be used in any weather conditions
- High tensile strength

Rubber cover types available

35/40 63/65 80/85/100/105 125/127/180/185/200/205

- Abrasion Resistant
- Fire Resistant
- Heat Resistant
- Oil Resistant
- Very Low Temperature
- White FDA/USDA Rubber



Superscrew Types	35	63	65	80	85	100	105	180	200	
Belt thickness (in)	5/32		5/32 - 1/2		5/32 - 19/32		5/32 - 19/32	5/32 - 14/32	9/32 - 13/16	9/32 - 3/4
Max belt strength (N/mm)	315		630		800		1000	1800	2000	
Max belt tension (PIW)	200		360		450		650	1650	2000	
Min pulley (in)	6		8		10		12	16	20	
Thickness top (in)	5/32	3/16	15/64	15/64	9/32	9/32	11/32	9/32	11/32	
Thickness bottom (in)	5/32		11/64			7/32			15/64	