



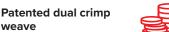


Carcass: **Dual crimp weave carcass**

The next generation of **Patriot Conveyor Belting**

Patriot X will exceed your performance expectations while remaining an economical belting option. The unique design of the Patriot X fabric offers improved rip, tear and impact resistance over its predecessor. It also provides excellent mechanical fastener retention and finger splice compatibility. Available in X2-275 and X3-350 configurations, this North American made cover and carcass combination is unlike any other product.





Alternative for economical plied belting

Our Difference

Proprietary Cover Compound

weave

- Superior carcass rubber adhesions
- ✓ New finger splice design optimizing both performance and fabrication efficiency
- Produced for stock in our North American warehouse for rapid delivery
- Available in 24, 30, 36, and 42 in. (609, 762, 914, 1066mm)
- Available in 1,200ft (365m) increments
- Available in 275, and 350 PIW constructions
- Significantly better rip, tear, and impact performance compared to typical plied belting

Markets





Like all our other belts, Patriot X is manufactured in North America. providing locally made, better quality belting, at a competitive price.

SERIES



We are here to help!

Please contact your local sales representative for any questions and availability. Call us: (813) 247-3620 / E-mail: info@conveyors247.com







Technical Information





Carcass Style	X2	X2-275		X3-350	
Number of Plies		1		1	
Units	Imperial	Metric	Imperial	Metric	
Cover Thickness (in/mm)	3/16 x 1/16	4.8 x 1.6	3/16 x 1/16 or 1/4 x 1/16	4.8 x 1.6 <i>or</i> 6.4 x 1.6	
Carcass Gauge (in/mm)	0.095	2.5	0.12	3.05	
Carcass Weight (lb/in/ft/kg/m2)	0.053	3.1	0.062	3.6	
Elastic Modulus (Ibs/in/N/mm)	30,000	5,250	35,000	6,130	
Max. Tension Ratings (PIW/N/mm)	275	48	350	61	
Minimum Belt Tensile Strength	—	400	—	630	
Operating Tension (PIW) Troughing/Empty – Min Belt Width (in/mm)					
20° Idlers	16	400	20	500	
35° Idlers	20	500	24	600	
Load Support Max Belt Width (in/mm)					
20° ldlers (0–40 lbs/ft/0-640 kg/m)	54	1,350	72	1,800	
20° Idlers (41–80 lbs/ft/641-1280 kg/m)	48	1,200	66	1,650	
20° Idlers (81–120 lbs/ft/1281-1920 kg/m)	42	1,050	54	1,350	
35° Idlers (0–40 lbs/ft/0-640 kg/m)	48	1,200	54	1,350	
35° Idlers (41–80 lbs/ft/641-1280 kg/m)	42	1,050	48	1,200	
35° Idlers (81–120 lbs/ft/1281-1920 kg/m)	36	900	42	1,050	
Minimum Pulley Diameters (in/mm)					
81–100% Belt Rated Tension	10	250	14	350	
61–80% Belt Rated Tension	8	200	12	300	
Up to 60% Belt Rated Tension	7	175	10	250	













Cold Resistant

Fire Retardant

Heat

Resistant



Oil

Resistant

Power

Saver



Low

Extraction



Non-Stick

If your operations require a cover compound not available for Patriot X, we've got you covered. We have a variety of cover compound and carcass combinations available to meet your specific bulk material handling needs. Contact us today to learn about other carcass and cover combinations available within our product line.



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