

Ultrafeed 500

Feed Belts for Carton Folding



Ultrafeed 500 Series products feature Ammeraal Beltech's innovative Carmi-Tech CS20 engineered cover material. Ultrafeed 500 belts with exclusive Carmi-Tech compound outperform standard products in a wide variety of feed belt applications.

- Laboratory tests rank Carmi-Tech CS20 number 1 for wear resistance using ISO 4649 standards.
- Field testing of Ultrafeed 500 feed belts resulted in a 5-10 fold increase in belt life expectancy.
- Customers report a **200-450% increase** in carton blank throughput from a single set of Ultrafeed 500 belts between change outs.

Performance features

- Significant belt life improvement
- Superior product grip for better handling and control
- Improved feed consistency and accuracy

Benefits

- Buy belts less often
- Cut maintenance time and expense
- Improve productivity and yield
- Reduce carton waste and scrap

Applications

- Carton folding feed belts
- Various feed function equipment

Innovation & Service with Ultrafeed 500 Series

Carmi-Tech CS20 cover materials are available in cast seamless construction for many common sizes. Laminated and spliced constructions are available for applications with custom dimension required.

Ultrafeed 500 cast seamless feed belts are stocked in commonly used standard sizes. When ordering specify article number, width and required thickness. Other sizes commonly found in related applications will be added regularly.

Ultrafeed 500 laminated and spliced feed belts can be provided for non-standard lengths. Specify details as listed below when ordering. Product tolerances: width and thickness +0/-0.8 mm, length +/- 0.4%.

Available length: from 940 to 1525 mm.
Available width: from 25 to 64 mm.

Carmi-Tech CS20

General specifications

- Compound natural rubber
- Hardness approx. 40 Shore A
- Colour tan
- Tensile strength 29.7 MPa
- Elongation 694%

Ultrafeed 500 • Laminated/spliced

Ordering information

- Inside circumference belt length
- Belt width
- Overall belt thickness desired (including the base belt and covering)
- Base belt desired if known or general description
- Type of belt finishing needed (e.g. endless, prepared, fastener, etc.)
- Type of belt support (table, unsupported or roller support)
- Minimum pulley diameter
- Belt function / type of process or application
- Details on any special requirements (perforation patterns, V-guides, etc.)
- Special tolerances if required



Cost saving example

Based on a side by side comparison of standard feed belts vs. Ultrafeed 500 Series Feed Belts on a single folder, in a carton plant with production rates of 33000 cartons per hour, and a carton cost of \$ 0.28w each.

	Standard belts	Ultrafeed 500
Annual feed belt cost	\$ 2211	\$ 1329
Change outs per year	6 times	2 times
Annual change out time	6 hours	2 hours
Cartons lost due to downtime	198000 cartons	66000 cartons
Total annual cost	\$ 58594	\$ 20123
Annual savings with Ultrafeed 500		\$ 38471

Cost savings data compiled through field tests. Operating and application conditions affect optimum belt performance. Individual results may vary.



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