BELT CONCEPTS

INNOVATIVE CONVEYOR BELTING SOLUTIONS

MADE IN USA

High Tensile Strength Grain Elevator Belts

Unique hybrid yarns deliver high performance

Belt Concepts' high tensile strength belts are made with unique hybrid warp yarns and are designed to lift heavier loads to higher elevations. These belts expand our product line-up to offer higher level solutions to meet the needs of your customers. Benefits include:

- Durable, all-polyester interwoven carcass for exceptional bolt holding capability, fastener retention, and flexibility to be used on systems with smaller pulley diameters
- PVGE compound delivers oil resistance and low temperature capabilities and provides:
  - OSHA compliance for static conductivity
  - MSHA compliance for flame-retardant properties
- Uniquely formulated to serve facilities with higher bucket discharge points
- Broad product line ranging from 200 up to 750 PIW

1-888-LWT-BELT (598-2358)
Spring Hope, NC
info@beltconcepts.com

PVGE compound offers oil resistance and low temperature operation (-20°F / -29°C)

- Provides longer belt life in applications when handling oily seeds and material
- Greater crack resistance when operating in low temperatures

Hybrid Warp Yarn

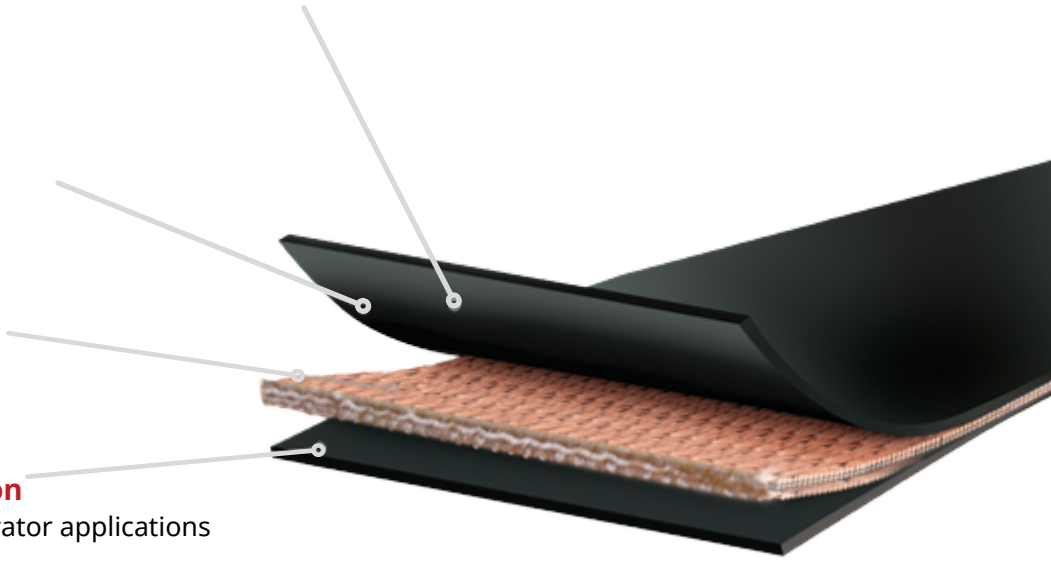
- This provides the ultimate tensile strength to lift grain loads to higher elevations

High-Strength Interwoven Carcass

- Allows for outstanding bolt holding capability
- Provides excellent and reliable fastener retention
- Low belt elongation to maintain tension over life of the belt

Static conductive covers with flame retardant properties

- Meets and exceeds OSHA safety standards for dissipation of static electricity requirements of 300 megohms or less (with cover on both sides) and MSHA test 30-18.65 for flame retardant properties



Also available in a Plied Construction

- Designed for both conveying and elevator applications
- Superior tracking in both directions
- Resistance to edge wear, wicking and curling
- Flexibility over small pulleys
- Thermo-Flo™ splicing capabilities

Description	Plies	Working Tension		Approx. OAG		Weight		COF	Pulley Diameter		Temperature		Max Bucket Projection
		PIW*	kN/m	in.	mm	lb./ft.²	kg/m²	Approx.	in.	mm	°F	°C	in.
PVGE 200S1 CNb	1	200	35	0.230	5.8	1.51	7.3	0.50	4.0	102	-20-180°	-29-82°	6
PVGE 250S1 CNb	1	250	44	0.250	6.4	1.64	7.9	0.50	6.0	152	-20-180°	-29-82°	6
PVGE 350S1 CMb	1	350	61	0.295	7.5	1.84	8.9	0.50	8.0	203	-20-180°	-29-82°	7
PVGE 450S1 CMb	1	450	79	0.350	8.9	2.20	10.6	0.50	10.0	254	-20-180°	-29-82°	8
PVGE 600S1 CMb	1	600	105	0.370	9.4	2.40	11.7	0.50	12.0	304	-20-180°	-29-82°	11
PVGE 750S1 CMb	1	750	131	0.400	10.1	2.90	14.1	0.50	12.0	304	-20-180°	-29-82°	11
PVGE 220S2 NNb	2	220	39	0.250	6.4	1.55	7.5	0.50	5.0	127	-20-180°	-29-82°	6
PVGE 330S3 NNb	3	330	58	0.330	8.4	2.06	10.0	0.50	8.0	203	-20-180°	-29-82°	7

*Elongation less than 2% at specified PIW

For more information on our complete line-up of PVGE Grain Elevator belts, contact us today!

1-888-LWT-BELT (598-2358)
Spring Hope, NC
info@beltconcepts.com

Distributor Contact Info