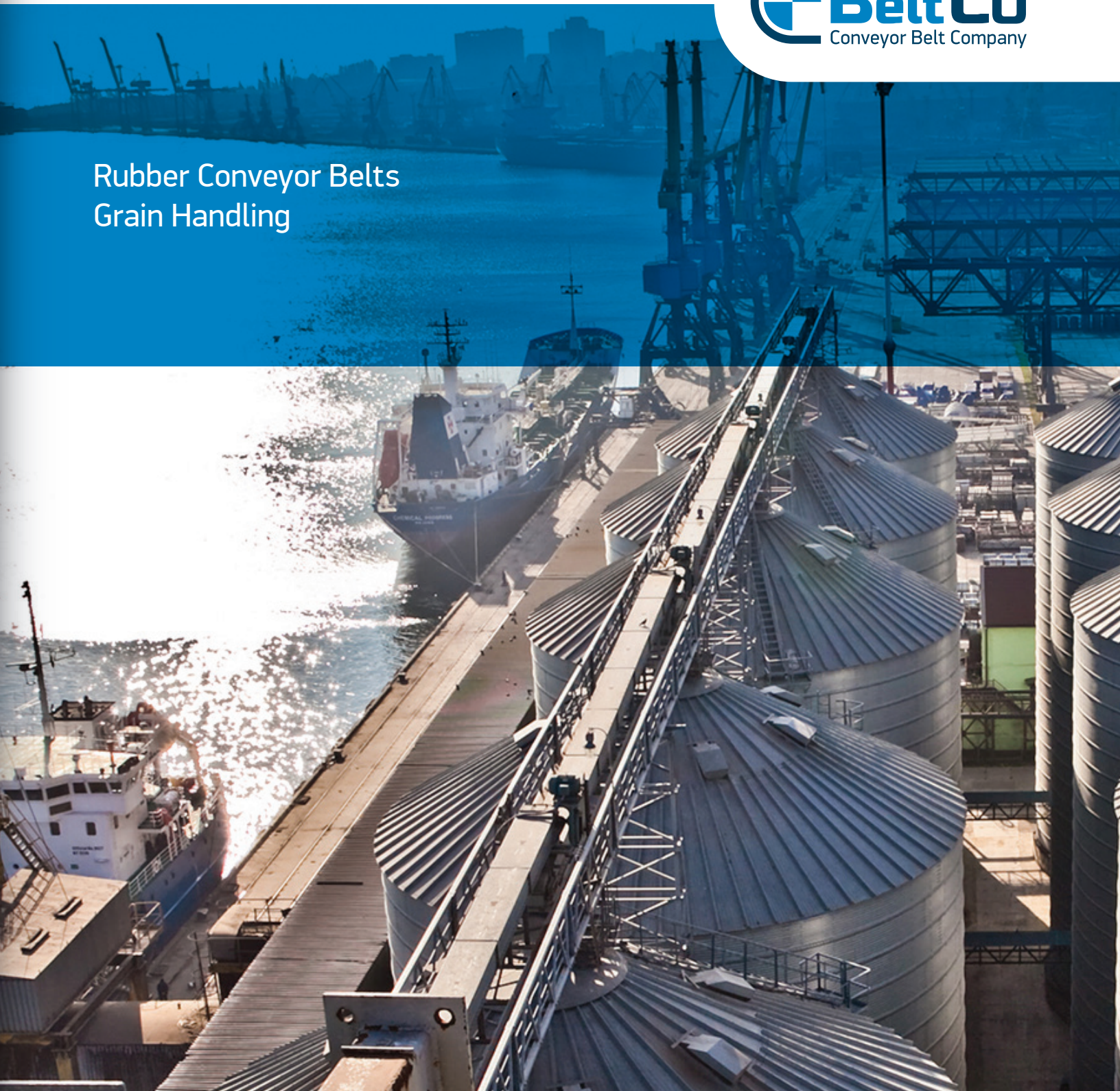




Rubber Conveyor Belts Grain Handling



Grain Handling

Conveyor Belts

- A belt exclusively designed for use in grain elevators and conveyor systems. Excels in standard-setting user benefits, such as superior abuse resistance, reduced belt elongation, maximum resistance to oil swelling, and exceptional electrical resistance.



FEATURES

- Static conductive
- Flame resistant
- Superior oil resistance
- Improved adhesion
- Outstanding flexibility
- Unmatched strength

THE CONSTRUCTION

Carcass:

Stands up to the most abusive operating conditions in grain storage facilities. Whether it's punching holes for installing buckets or hammering rivets into a mechanical fastener. The strong, synthetic fabric carcass provides excellent bolt holding and superior fastener retention.

Fabric:

Low stretch, high strength synthetic fabric provides dimensional stability to the fabric and enhances the adhesion values between the fabric and rubber.

Covers:

The top and bottom covers belts are designed to provide the maximum degree of oil resistance to withstand the potentially damaging effects of crushed soybeans, whole soybeans, oily grains and mineral oil dust suppressant sprays. Reduces any chance for rubber swell or softening resulting in excellent adhesion and splice life.

BENEFITS

Carcass constructions are designed with a 10:1 safety factor.

All belts are static conductive, offering an exceptionally low electrical resistance below the OSHA and ISO standard of 300 megohms. Additionally, each roll of our belt is tested prior to shipment to ensure that the belt meets or better the USMSHA test 30 CFR 18.65 requirement for flame resistance.

Belts are designed with high strength nylon fill cords which provide excellent resistance to bolt pull-out. This enables carcass to securely hold the buckets in elevator leg service.

The oil resistant skim coats, provide excellent adhesion values.

TYPICAL CONVEYOR BELT DATA

Carcass	400	630	800	1250	1600
Number of Plies	3	3	4	4	5
Fabric Type	EP	EP	EP	EP	EP
Vulcanized / Mechanical Splice Rating (KN/M)	38	58	77	120	154
Elevator Rating (KN/M)	32	49	70	100	128
Maximum Bucket Projection (mm)	150	200	250	300	300
Aprox. Carcass Gauge (mm)	3.0	4.0	5.5	8.5	11.0
Aprox. Carcass Weight (Kg/sq.m)	4.4	5.6	7.7	11.9	15.3
Aprox. Cover Weight Per 1mm (Kg/sq.m)	1.3	1.3	1.3	1.3	1.3

TROUGHABILITY (MINIMUM BELT WIDTH) (mm)

Carcass	400	630	800	1250	1600
Number of Plies	3	3	4	4	5
Idlers					
20 deg	500	500	600	600	1050
35 deg	500	600	750	750	1050
45 deg	500	750	900	900	1200

MINIMUM PULLEY DIAMETERS (mm)

Carcass	400	630	800	1250	1600
Number of Plies	3	3	4	4	5
Specifications					
Over 80% Tension	450	500	600	900	900
61% to 80% Tension	400	450	500	750	750
Up to 60% Tension	350	400	450	600	600



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