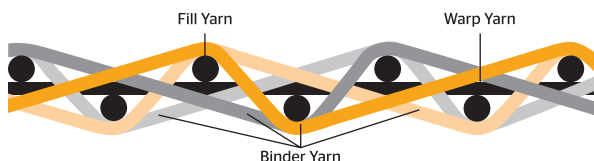




ContiTitan[®] Making tough look easy

ContiTitan is designed for demanding conditions where rip, tear, and impact are the primary failure modes. Its long, proven straight warp construction handles everything from hard rock mining to wood products.

Unlike conventional multiple plied belts, ContiTitan is only available in a single and dual ply construction. The longitudinal load carrying (warp) cords and transverse cords (fill) are not interwoven and are locked together by binder cords. Since the warp cords are not crimped during the weaving process they lay straight (hence the term straight warp construction) which provides low elongation for length stability in systems with limited take-ups.



ContiTitan Belt Advantages:

- > 2 to 3 times the rip and tear resistance vs equivalent multiple ply tension rating
- > Up to 2 times the impact resistance with a lighter carcass weight
- > Available in tension ratings from a single ply 220 PIW to 2 ply 1500 PIW
- > Available in several different cover compounds for optimal service life
- > Offers you the lowest cost per ton of material conveyed in the industry
- > Our state-of-the-art monitoring systems and software extend belt life
- > Continental backs you with the most experienced conveyor belt pros in the industry

For more compound data and specs, refer to the Continental Conveyor Belt catalog

Continental ContiTitan®

CONVEYOR BELT DATA

	TITAN	TITAN	TITAN	TITAN	TITAN	TITAN	TITAN	TITAN	TITAN
	220/1	330/1	440/1	550/1	660/2	800/2	1000/2	1250/2	1500/2
Number of Plies	1	1	1	1	2	2	2	2	2
Fabric Type*	P/N/N	P/N/N	P/N/N	P/N/N	P/N/N	P/N/N	P/N/N	P/N/N	P/N/N
Vulcanized & Fastener Rating (piw)	220	330	440	550	660	800	1000	1250	1500
Nom. Carcass Gauge (in.)	0.096	0.128	0.156	0.165	0.302	0.358	0.376	0.386	0.476
Nom. Carcass Weight (lbs/sq.ft.)	0.38	0.49	0.71	0.80	1.20	1.80	1.90	2.00	2.20
Approx 1/32" cover wt (lbs/sq.ft.)	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
Elastic modulus (piw)	21,000	32,000	51,000	56,000	64,000	102,000	112,000	145,000	165,000
Vulcanized Splice Type	Finger	Finger	Finger	Finger	Finger	Finger	Finger	Finger	Finger
Recommended Fastener Plate	140	190	BR-10	BR-10	BR14	BR14	NR	NR	NR
Hinge	R2	R2	R5	R5	R5-1/2	R6	RAR8	RAR8	RAR8
Hinge	U35A	U35A	U35	U35	U35	U37/U37A	U38A	U38	U38

ContiTitan rated belt tension can exceed 100%, with a maximum of 150%, during starting and stopping conditions. Fastener size recommendation may vary due to cover thickness, pulley diameters and system tension. Consult your CTM or fastener manufacturer.

LOAD SUPPORT (Maximum Belt Width) (in.)

PIW/Plies	Equal Roll Degree of Idlers	0-40 lb/cu/ft			41-80 lbs/cu/ft			81-120 lbs/cuft			Over 120 lbs/cu.ft		
		20 deg	35 deg	45 deg	20 deg	35 deg	45 deg	20 deg	35 deg	45 deg	20 deg	35 deg	45 deg
220/2		60	48	42	48	36	36	42	36	30	36	30	24
330/1		72	66	54	66	54	48	60	48	42	48	42	36
440/1		84	72	60	72	60	54	66	54	48	54	48	42
550/1		84	72	66	72	66	60	72	60	54	60	54	48
660/2		96	96	96	84	84	84	84	72	72	72	72	66
800/2		96	96	96	96	96	96	84	84	84	84	84	72
1000/2		96	96	96	96	96	96	84	84	84	84	84	72
1250/2		96	96	96	96	96	96	84	84	84	84	84	72
1500/2		96	96	96	96	96	96	84	84	84	84	84	72

On systems with troughing idler spacing greater than 5 ft. OR idler roll gap greater than 1/2", consult your CTM.

TROUGHABILITY (Minimum Belt Width) (in.) (Table based on ISO 703 Testing Procedure)

	TITAN	TITAN	TITAN	TITAN	TITAN	TITAN	TITAN	TITAN	TITAN
Idlers	220/1	330/1	440/1	550/1	660/2	800/2	1000/2	1250/2	1500/2
20 degree idlers	16	20	24	24	24	30	30	30	30
35 degree idlers	20	24	30	30	30	36	36	36	36
45 degree idlers	24	30	36	36	36	42	42	42	42

6" narrower widths are possible if the belt is broken in for an extended period of time fully loaded. Consult your CTM. Additional break in time is required when the belt has been stored prior to insulation in ambient temperatures of less than 50 degrees Fahrenheit

MINIMUM PULLEY DIAMETERS (in.)

	TITAN	TITAN	TITAN	TITAN	TITAN	TITAN	TITAN	TITAN	TITAN
	220/1	330/1	440/1	550/1	660/2	800/2	1000/2	1250/2	1500/2
Over 80% Tension	16	18	20	20	30	36	36	36	36
60% to 80% Tension	14	16	18	18	24	24	30	30	30
Up to 60% Tension	12	14	16	16	20	20	24	24	24
Tails and Snubs	12	14	16	16	20	20	24	24	24

Elevator Belt Data (in.)

	TITAN	TITAN	TITAN	TITAN	TITAN
	660/2	800/2	1000/2	1250/2	1500/2
Number of Plies	2	2	2	2	2
Industrial Service Tension (PIW)	512	620	775	969	1163
Spaced Industrial Max. Bucket Projection (in)	14	15	16	17	18
Continuous Industrial Max. Bucket Projection (in)	15	16	18	20	22

For more product information and our distributor locator go to the conveyor belt section under the product tab at www.contitech.us or contact Continental at 1-800-235-8872

XXXXXXXX



Continental
1-800-235-4632
www.contitech.us