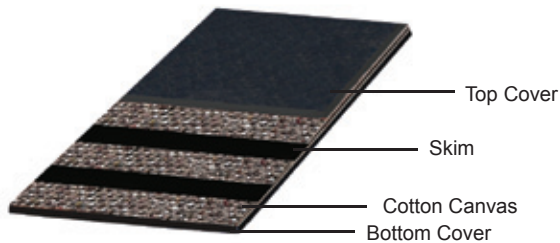


Conveyor Belt

Cotton Conveyor Belt



FEATURES

- The carcass of this belt is made from cotton/cotton fabric both in warp and weft or terelyene/cotton fabric in warp and cotton fabric in weft.
- This type of belt will exhibit good flexibility, excellent trough-forming ability and is an economical solution for your conveying needs.

APPLICATIONS

- Best suited for conveying products in short distance and suitable for but not limited to conveying of powder, granules and weak abrasive materials such as sawdust, grain, coal and cements, etc. .
- Operating temperature: -10°C ~ 60°C

BELT TYPES

Belt types include normal, oil resistant, acid and alkali resistant, cold resistant and anti-static grades.

TECHNICAL DATA

Standard: In accordance to ISO/FDIS 14890:1999

Performance at Overall Thickness

Fabric Type	Ply Thickness (mm)	Nominal Tensile Strength at Overall Thickness (N/mm)					Longitudinal Elongation at Break (%)	Longitudinal Elongation at Rated Stress (%)	Belt Width (mm)	Standard Belt Length (M)
		2ply	3ply	4ply	5ply	6ply				
Cotton CC-56	1.0	112	168	224	280	336	≥10	≤4	300 ~ 1500	200
Terylene Cotton TC-70	1.0	140	210	280	350	420				

Note: Belt length can be customized on request and the maximum length is no more than 300m.

Performance of Cover Rubber (for General Applications)

Cover Grade	Tensile Strength		Elongation at Break (%) ≥	Abrasion Loss (mm ³) ≤	Change Rate of Tensile Strength & Elongation after Aging (%)
	(MPa) ≥	(Kg/cm ²) ≥			
Ordinary Applications (L)	15.0	150.0	350	200	-25 ~ +25
Abrasion Resistant (D)	18.0	180.0	400	100	-25 ~ +25
Extreme Tear Resistant (H)	24.0	240.0	450	120	-25 ~ +25

When cover rubber thickness ranging from 0.8~1.60mm, it allows 15% tolerance of tensile strength.
Aging Test: 70°C×168h.

Note: The cover rubber performance for other belt types like **oil resistant, acid and alkali resistant, cold resistant and anti-static belt**, please refer to the corresponding belt introduction.

Adhesion-Ply to Ply

Item	Canvas Ply to Canvas Ply	Cover to Canvas Ply	
		Cover Thickness 0.8-1.5mm	Cover Thickness >1.5mm
Average Value of Samples (N/mm) ≥	3.2	2.1	2.7
Minimum Value of Samples (N/mm) ≥	2.7	1.6	2.2

The peak value of all samples is less than 20N/mm.