

Polyester Fabric Conveyor Belt (EP)



POLYESTER/NYLON FABRIC (EP)

APEG "EP" CONVEYOR BELT is a conveyor belt consisting of a synthetic woven fabric, utilizing a polyester fiber for warp and a polyamid (nylon 66) fibre for weft, and has the following specific features:

CHARACTERISTICS OF EP CONVEYOR BELT

1. LESS STRETCH OF BELT
- It makes take-up travel shorter, and thus saves space and the cost of the conveyor. It also makes belt start more smoothly, especially in long distance conveyor.
2. GREATER RESISTANCE TO THE EFFECTS OF MOISTURE & WATER
- It minimizes damages from moisture and water such as declining of belt strength and separation between plies, thus ensuring longer life.
3. LESS INFLUENCE UNDER TEMPERATURE
- It retains constant belt strength, stretch and dimension even under high temperature conditions, making it very suitable for use at the high temperature and high humidity area.
4. EXCELLENT TOUGHNESS
5. EXCELLENT RESISTANCE TO IMPACT
6. EXCELLENT RESISTANCE TO CHEMICALS
7. MILD-DEW-FREE 7 ROT-FREE

Code No.	Thickness Per Ply With Skim Rubber (mm)	Tensile Strength kg/cm/ply Kn/m/ply	Max. Rated Tension		Max Working Tension kg/cm/ply Kn/m/ply
			Cold/Warm Vulcanized (kg/cm)	Mechanical Joint (kg/cm)	
EP - 100	1.0	100	10.0	8.0	10.0
EP - 125	1.1	125	12.5	10.0	12.5
EP - 160	1.2	160	16.0	12.8	16.0
EP - 200	1.3	200	20.0	16.0	20.0
EP - 250	1.4	250	25.0	20.0	25.0
EP - 315	1.7	315	31.5	25.5	31.5
EP - 350	1.9	350	35.0	28.8	35.0
EP - 400	2	400	40.0	32.0	40.0
EP - 500	2.7	500	50.0	48.0	50.0

Kinds of Carcass	Belt Tensile Strength Min. (kg/cm)	Allowable Tension Ratings Max. (kg/cm)	Head Drive Pulley (mm)					
			No. of Plies					
			2	3	4	5	6	
EP	160	16.0	200	400				
EP	250	25.0	300	400				
EP	315	31.5	300	400	450			
EP	400	40.0	350	400	500	550		
EP	500	50.0	350	450	550	600		
EP	630	63.0	400	500	600	700		
EP	800	80.0		600	700	750	850	
EP	1000	100.0		700	800	850	950	
EP	1250	125.0		800	900	1000	1050	
EP	1500	150.0			1000	1150	1300	
EP	1800	180.0				1300	1400	
EP	2000	200.0				1400	1500	
EP	2500	250.0					1650	

Tail, Take-Up Pulley : Diameter of Table x 0.85
 Snub, Bend Pulley : Diameter of Table x 0.7