

POLYESTER/NYLON FABRIC (EP)



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

1. LESS STRETCH OF BELT

It makes take-up travel shorter, and thus saves space and cost. It also makes belt start more smoothly, especially in long distance conveyor applications.

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 in high temperature and high humidity areas.

4. EXCELLENT TOUGHNESS:

5. EXCELLENT RESISTANCE TO IMPACT

6. EXCELLENT RESISTANCE TO CHEMICALS:

7. MILD-DEW-FREE & 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	Minimum recommended Drum Dia.	
						3 Ply	4 Ply
			Cold/warm vulcanized(kg/cm)	Mechanical joint(kg/cm)			
EP-100	1.0	100	10.0	8	10.0	300	400
EP-120	1.1	125	12.5	10.0	12.0		
EP-150	1.2	160	16.0	12.0	16.0	400	500
EP-200	1.3	200	20.0	16.0	20.0	400	500
EP-250	1.4	250	25.0	20.0	25.0	500	600
EP-300	1.5	315	31.5	25.2	31.5	500	750
EP-350	1.7	350	35.0	28.8	35.0	600	750
EP-400	1.7	400	40.0	32.0	40.0	600	750
EP-500	1.9	500	50.0	48.0	50.0	600	900