



SUNGDA
Professional conveyor belt manufacture

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EP ply conveyor belt



EP conveyor composed of multi polyester canvas layers (or with polyester toward longitudinal and polyurethanes for latitude), with high intensity top and bottom coating, applying in granular, powdery material, and suitable for middle-long distance transmission

EP conveyor belt has the same merit as Nylon conveyor belt, also with tensibility and keep high intensity in humidity condition, which would be very helpful for transferring the washy material or working on wet condition.

Our EP conveyor belt products has five types according to coating difference: Anti-split type, Anti-abrasion type, common type, acid-alkali resistant type and heat-resistant type.



EP layer

Type No.: NN80, EP100, EP125, EP150, EP200, EP250, EP300, EP400

Technical parameters for EP conveyor belt:



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Belt width	Layers	Coating thickness	
		Top coating	Bottom coating
400	3~4	4.5 3.0	3.0 1.5
500	3~6	4.5 3.0	3.0 1.5
600	3~5	6.0 4.5	3.0 1.5
650	3~5	6.0 4.5 3.0	3.0 1.5
800	3~6	6.0 4.5 3.0	4.5 3.0 1.5
1000	3~7	6.0 4.5 3.0	4.5 3.0 1.5
1200	4~7	6.0 4.5	4.5 3.0 1.5
1400	4~7	6.0 4.5	4.5 3.0
1600	4~7	6.0 4.5	4.5 3.0
1800	5~7	6.0 4.5	4.5 3.0
2000	5~7	6.0 4.5	4.5 3.0

Nylon conveyor longitudinal pulling intensity: N/mm
315 400 500 600 630 800 900 1000

Coating physical performance:

Coating rank	Code	Stretch intensity MPa	Intensity to rupture MPa	Abrasion rate mm ³	After 70°C*7days aging, changing rate for stretch intensity
Anti-split	H	>24.0	>450	120<	-25~+25
Anti-abrasion	D	>18.0	>400	100<	-25~+25
Common	L	>15.0	>350	200<	-25~+25

Agglutinating intensity between layers:

Item	Among layers N/mm	Among layers and coat	
		Coating thickness	Coating thickness
		0.8~1.5mm	>1.5mm
Average data: N/mm	>4.5	>3.2	>3.5
Minimum data: N/mm	>3.9	>2.4	>2.9