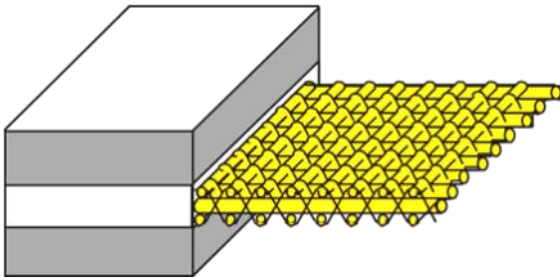


Kevlar Conveyor Belt (DDP)



Features

The belt uses Kevlar as its reinforced layer which can replace original polyester or nylon canvas & steel cord. Suitable for heat resistant, flame retardant and high strength belt in long-distance material conveying.

Application: Coal Mine, Mining Field, Steel Plant, Cement, Wharf, Quarry, Power Station, Chemical Industry...

Cover Grade: Various grade incl. General Purpose, Heat Resistant, Oil Resistant, etc.

Advantages: Impact Resistance, Corrosion Resistant, Superior Heat & Fire Resistance, High Tensile Strength, Low Elongation, Excellent Troughability, Long Lifetime, Light Weight, and Cost Saving.

Technical Indexes

Item		DPP 500	DPP 800	DPP 1000	DPP 1250	DPP 1400	DPP 1600	DPP 1800	DPP 2250	DPP 2500	DPP 3150	DPP 3500
Tensile Strength ($\geq N/mm$)	Warp	500	800	1000	1250	1400	1600	1800	2250	2500	3150	3500
	Weft	150	150	150	180	180	190	190	200	200	370	400
10% load elongation ($\leq \%$)		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Type	Aramid Belt	EP Belt	Steel Cord Belt
Impact resistance	Excellent	Moderate	Moderate
Anti-corrosion	Excellent	Moderate	Poor
Heat resistance	Excellent	Poor	Excellent
Fire resistance	Excellent	Poor	Excellent
Elongation at 10% strength	0.5	2.5	0.25
Elongation at break	4	14	2.5
Modulus	High	Moderate	High
Pully diameter	Small	Moderate	Big
weight	Light	Moderate	Heavy
Cost	Expensive	Moderate	High
Splice	Very complicated	Convenient	Complicated
max tension	DPP3500	EP2500	ST10000
Summary	Excellent performance and light, can save energy, but cost is expensive and splice is very complicated.	Moderate performance, but it's economic and splice is convenient, also weight is not heavy.	High performance, high tension and stable, just cost is higher, pulley diameter is bigger, with heavy weight and splice is complicated.
Recommendation	Long distance transport, not very high tension, with enough budget.	Small distance transport, not high tension status.	Long distance transport. Or short distance transport which request low elongation, or high tension, etc.