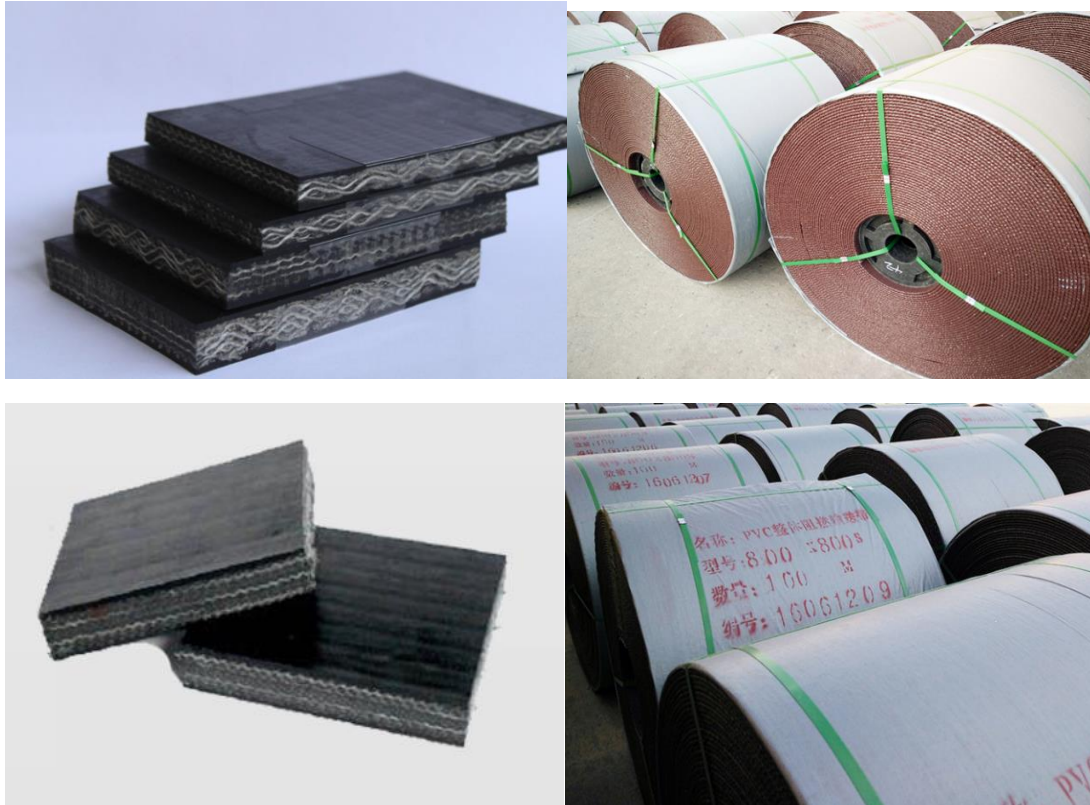


## Solid Woven Flame-resistant Conveyor Belt

Hebei Jiuzhou Rubber Technology Co., Ltd. is located in Lixian Rubber Industrial Park, Hebei Province China, the beginning was built in 1998, registered capital of 6130.5 million yuan, covers an area of 6.8 million.



### PVC/PVG Solid Woven Conveyor Belt

#### Performance:

(Underground conveyor belt) Flame retardant conveyor belt is made from the whole belt core via dipping and plastifying in polyvinyl chloride (PVC) dipping agent or sulfuration.

Used in coal mining and other working conditions that need fire resistance and antistatic properties.

#### Non pressed PVC type

**Construction:** After dipping with PVC on the solid woven fabric, add PVC cover on the solid carcass to form the belt.

**PVG type**

**Construction:** Based on PVC carcass, with rubber component top and bottom cover, formed after belting pressed.

**Character:** Good fire resistant and antistatic properties, light weight, high strength, super anti-ripping and impact resistance.

The solid woven fabric uses high tensile strength and low elongation polyester long filament as warp fibre, for weft fibre, it uses high tensile and medium nylon filament. The fabric is high in strength, low in elongation, high in carcass, free of separation of plies, shock resistant, anti-tear and good in troughability.

It features largely in the high strength, large freight volume and stable conveyance performance. Besides, it is fire retardant, anti-static, shock resistant, wearable and corrosion resistant.

**Usage:**

PVC,PVG conveyor belt is mainly applicable for the underground well haulage of coal mines, and also the conveyance of materials for metallurgical and chemical industries. The whole core fire-retardant conveyor belt is divided into two types: PVC, PVG

two types: PVC, PVG

PVC type conveyor belt's upper and lower layers are PVC coating cover, single-sided tape thickness:  $\geq 1.0\text{mm}$ ; PVG type belt's upper and lower layers are nitrile rubber and PVC, single-sided tape thickness: 1.5mm-4.5mm.

PVC type conveyor belt's inclined angle:  $<16^\circ$  ;

PVG conveyor belt's inclined angle:  $<20^\circ$  .

Type and technical parameter of PVC conveyer belt:

Standard MT914-2008  
 The Slope <16°C

Safety factor 10(Breaking strength\*1/10)

Standard type	Degree	Breaking strength≥,N/mm		Tensile yield≥,%		Advising Mindiameter of Transmission Drum
		Longitudinal	Transverse	Longitudinal	Transverse	
680S	4th	680	265			320
800S	5th	800	280			400
1000S	6th	1000	300	15	18	500
1250S	7th	1250	350			500
1400S	8th	1400	350			630
1600S	8th	1600	400			750

Type and technical parameter of PVG conveyer belt:

Standard MT914-2008 BS3289 HG2805

Safety factor 10(Breaking strength\*1/10)

The slope <20°C

Standard type	Degree	Breaking strength≥,N/mm		Tensile yield≥,%		Recommend minimum roller diameter
		Longitudinal	Transverse	Longitudinal	Transverse	
680S	4th	680	265			400
800S	5th	800	280			500
1000S	6th	1000	300	15	18	630
1250S	7th	1250	350			750
1400S	8th	1400	350			750
1600s	9th	1600	400			750

Safe function:

Function Name	The alcohol combustion	The propane combustion	Electrical conductivity	The roller rub
Standard value	Average value≤3S,List value≤10S (Have no cover gum)	a)≥600	≤3X108Ω	≤325°C
	Average value≤5S,List value≤15S (Have no cover gum)	b)≥50mm;≤140° C≤1250mm		Have no Mars