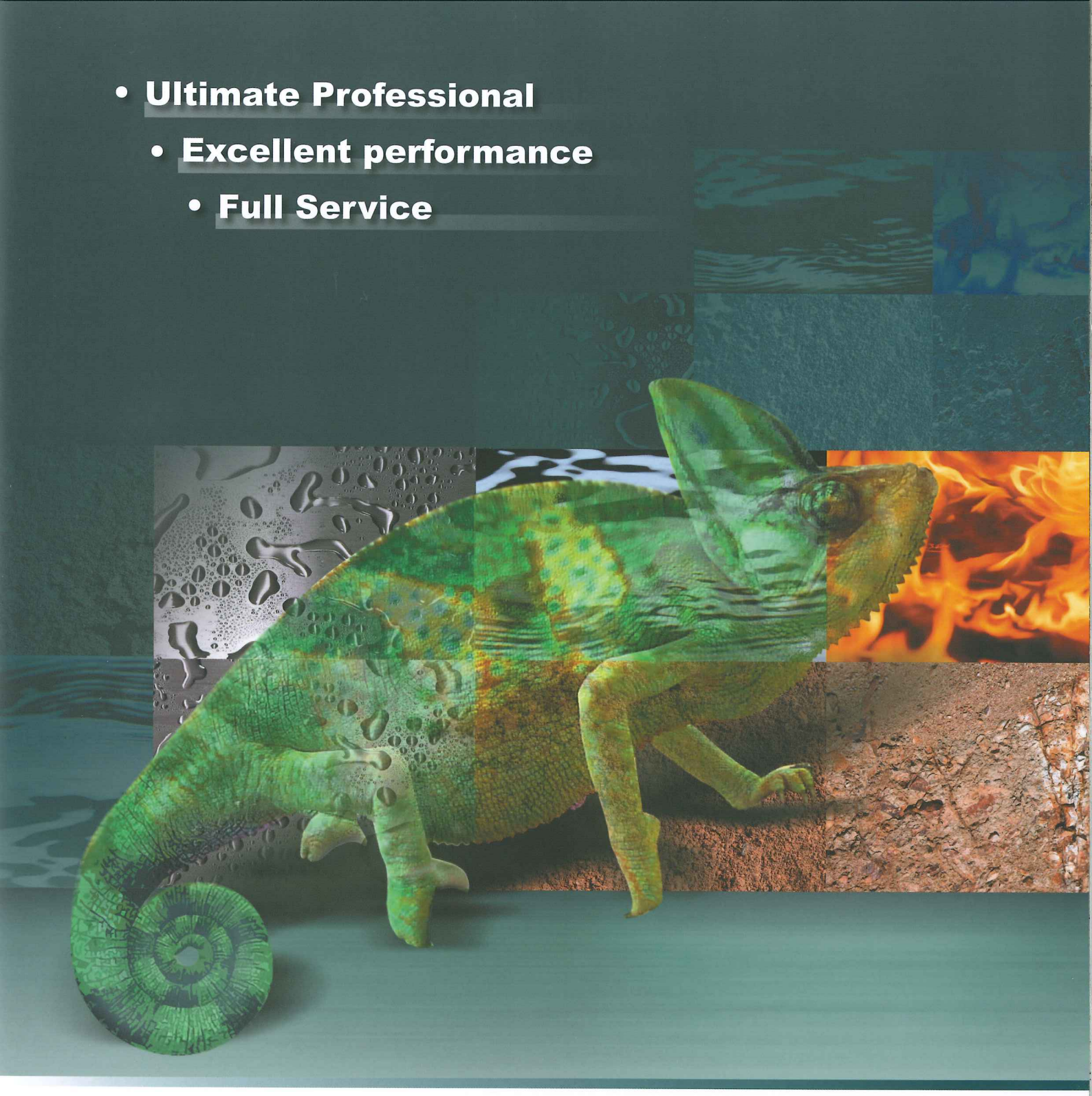
- Ultimate Professional
- Excellent performance
- Full Service



SPECIALTY CONVEYOR BELT

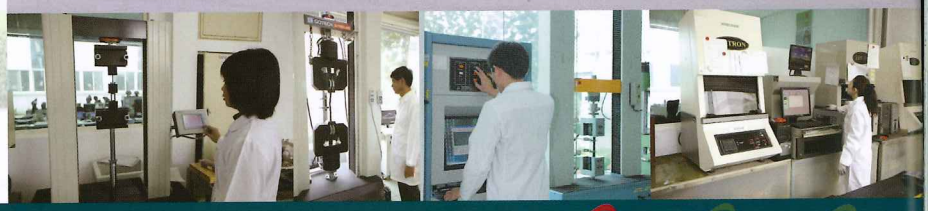
KING

Founded : 1964
Location : Nantou,Taiwan

Area :47,850 Square Meters, including
- Factory I : specialty Conveyor Belt
- Factory II : Light Duty Conveyor Belt
- Factory III : Industrial Fabric Factory
- Factory IV : Heavy Duty Conveyor Belt

Main Products :
Rubber Conveyor Belt, Rubber Sheet, Industrial Fabric

Brand : KING



Company Profile

ISO 9001 BSMI REGISTERED ISO 14001 BSMI REGISTERED OHSAS 18001 BSMI REGISTERED

Production Range :
Belt Width : 300mm ~ 4000mm (12"~160")
Belt Thickness : 0.8mm ~ 40mm ($\frac{1}{32}$" ~ $1\frac{1}{2}$")
Special Products Width:Max. 12 Meter

Fabric Type :
Cotton, EP, NN, MONO, SW, Kevlar(KA),Steel Cord(ST),IW(STF)

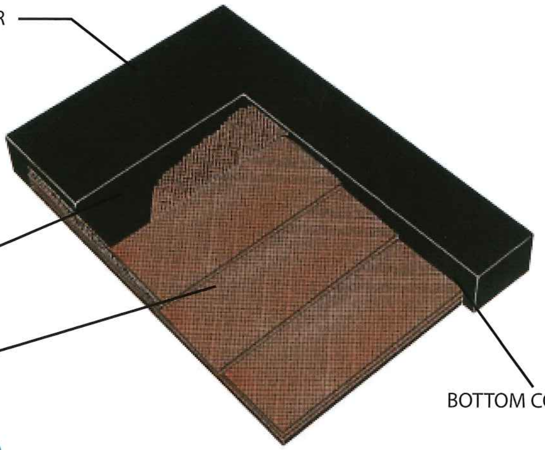
Standard Applied :
CNS, JIS, ISO, DIN, BS, AS, IS, SABS, ASTM, MSHA, GBT

Applications :
Industry, Aviation, Mining, Gravel, Cement, Iron and Steel, Power Plant, Construction, Animal Husbandry, Agriculture, Logistic, Food, Wharf, Coal, Papermaking, etc.

1986 CNS qualification Certificate
1989 MCS qualification Certificate
1995 ISO-9001 Quality Management System Certificate
1997 4th Session Outstanding SME Award
2000 4th Session Rising Star Award
2002 3rd Session Outstanding SME Golden Award
2003 Golden Root Award
2005 14th National Award
2006 Beautification Creativity Champion of National Industrial District Taiwan
2009 ISO14001 Environmental management system certificate
2010 Stock market listed in Taiwan and got OHSAS 18001
2011 Industrial Sustainable Excellence Award
2012 The manufactory Champion of green beautifying in Taiwan
2013 Awarded with the 1st Taiwan Mittelstand Award by MOEA
2014 The 50th Anniversary of Hsin Yung Chien Co., Ltd.

Fabric Conveyor Belt

Multi-Ply Conveyor Belt



General Specification

Conveyor belt-strength classes and number of plies

Strength Class	2-PLY	3-PLY	4-PLY	5-PLY	6-PLY
160	160/2				
200	200/2				
250	250/2	250/3			
315	315/2	315/3			
400	400/2	400/3	400/4		
500		500/3	500/4	500/5	
630		630/3	630/4	630/5	630/6
800		800/3	800/4	800/5	800/6
1000		1000/3	1000/4	1000/5	1000/6
1250		1250/3	1250/4	1250/5	1250/6
1500			1500/4	1500/5	1500/6
1600			1600/4	1600/5	1600/6
1800				1800/5	1800/6
2000				2000/5	2000/6
2500					2500/6
3000					3000/6

Cover gauge(mm):1.5，1.6，2.0，2.5，3.0，3.2，4.0，4.8，5.0，6.4，7.0，8.0，10，12，14，16，18，20

American Specification

Conveyor Belt-Strength Class and Number of Plies

Specification \ Type	150	220	330	375	440	500
Number of plies	2	2	3	3	4	4
Working Tension Rating(piw)	150	220	330	375	440	500
Thickness of covers (inch)	(A) 1/32 x Bare (B) 1/32 x 1/32 (C) 1/8 x 1/32 (D) 1/8 x 1/16	(A) 1/8 x 1/16 (B) 3/16 x 1/16 (C) 1/4 x 1/16	(A) 3/16 x 1/16 (B) 1/4 x 1/16 (C) 1/4 x 1/8	(A) 3/16 x 1/16 (B) 1/4 x 1/16 (C) 1/4 x 1/8	(A) 3/16 x 1/16 (B) 1/4 x 1/16 (C) 1/4 x 1/8	(A) 3/16 x 1/16 (B) 1/4 x 1/16 (C) 1/4 x 1/8
Specification \ Type	**600**	**750**	**800**	**1000**	**1000**	**1200**
Number of plies	3	3	4	4	5	6
Working Tension Rating(piw)	600	750	800	1000	1000	1200
Thickness of covers (inch)	(A) 1/4 x 1/16 (B) 1/4 x 1/8 (C) 3/8 x 1/8 (D) 3/8 x 3/32	(A) 1/4 x 1/16 (B) 1/4 x 1/8 (C) 3/8 x 1/8 (D) 3/8 x 3/32	(A) 1/4 x 1/16 (B) 1/4 x 1/8 (C) 3/8 x 1/8 (D) 3/8 x 3/32	(A) 1/4 x 1/16 (B) 1/4 x 1/8 (C) 3/8 x 1/8 (D) 3/8 x 3/32	(A) 1/4 x 1/16 (B) 1/4 x 1/8 (C) 3/8 x 1/8 (D) 3/8 x 3/32	(A) 1/4 x 1/16 (B) 1/4 x 1/8 (C) 3/8 x 1/8 (D) 3/8 x 3/32

Fabric Conveyor Belt

POLYESTER/NYLON FABRIC(EP)

1.LESS STRETCH
2.GREATER RESISTANCE TO MOISTURE & WATER
3.LESS INFLUENCE UNDER TEMPERATURE
4.EXCELLENT TOUGHNESS
5.EXCELLENT RESISTANCE TO IMPACT
6.EXCELLENT RESISTANCE TO CHEMICALS
7.MILD-DEW-FREE & ROT-FREE

NYLON/NYLON FABRIC(NN)

1.HIGH TENSILE STRENGTH
2.HIGH IMPACT RESISTANCE
3.ADVANCED RESISTANCE TO WATER, ACID AND ALKALI
4.LESS BENDING FATIGUE AND FLEXIBILITY TO ADAPT SMALLER PULLEY
5.IMPROVED ADHESION AND LESS PLY SEPARATION
6.DURABILITY AGAINST LOW TEMPERATURE
7.GOOD TOUGHNESS
8.ENERGY SAVING

Minimum Pulley Diameter

Diameter : mm

Strength kg/cm	EP fabric					NN fabric				
	2Ply	3Ply	4Ply	5Ply	6Ply	2Ply	3Ply	4Ply	5Ply	6Ply
160	200	400				200	300			
250	300	400				200	300			
315	300	400	450			200	300	350		
400	350	400	500	550		250	300	400	450	
500	350	450	550	600		250	350	400	450	
630	400	500	600	700		300	400	450	500	
800		600	700	750	850		450	500	550	600
1000		700	800	850	950		500	550	600	650
1250		800	900	1000	1050		600	650	700	750
1500			1000	1150	1300			750	800	850
1800				1300	1400				900	1000
2000				1400	1500				950	1050
2500					1650					1150

Using Kevlar or SW fabric can reduce the diameter of the pulley to save the cost.
Tail, Take-up pulley : Diameter of Table x 0.85 Snub, Bend pulley : Diameter of Table x 0.7

EP/NN Conveyor Belt

Specification

Fabric Type	Tensile Strength	Ply	Total Thickness	Width
EP & NN	100-400 kg/cm (N/mm)	2P~8P Best construction developing on conveying strength can be designed	0.8㎜ ~ 40㎜ ($\frac{1}{32}$" ~ $1\frac{1}{2}$")	300㎜ ~ 4000㎜ (12" ~ 160")

- Specification expression

R190 EP135 1000mm × 3P × 4mm × 2mm × 200M

- R190 : Cover grade
- EP135 : Fabric Type
- 1000mm : Belt width
- 3P : ply
- 4mm : Top Cover thickness
- 2mm : Bottom cover thickness
- 200M : Belt length

Heat Resistant Conveyor Belt

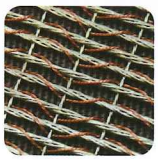
- The heat resistant conveyor belt is designed with high temperature resistant compound to convey hot materials. Its excellent heat resistant function makes the belt still remain good rubber properties and retard aging under heat transportation and severe condition hence the product service life is increased.

Applications

Use when handling materials temperature exceeds 70℃ (160℉).

- Iron and steel plant
- Metallurgy plant
- Cement plant
- Casting plant
- Fertilizer plant
- High temperature environment

EP/NN



Steel mesh(NS)

Kevlar(Aramid)

Specification

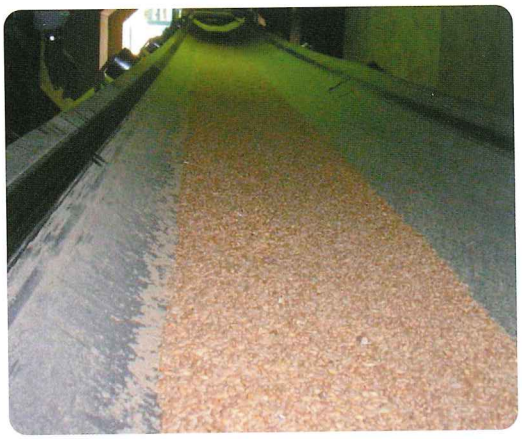
Rubber grade	Property	Material temperature	Instant temperature	Remarks
HR412	Normal	≦120℃ (250℉)	≦150℃ (310℉)	If using ST mesh or Kevlar fabric as the carcass instead of regular fabric, it can increase the adhesion strength of the carcass and reduce the possibility of fabric plies delamination due to high temperature; Kevlar fabric can prevent from carcass being penetrated efficiently due to instant excessive high temperature(>300℃ / 580℉).
HR423	Good abrasive	≦150℃ (310℉)	≦250℃ (490℉)	
HR429	Super Temperature	≦200℃ (400℉)	≦400℃ (760℉)	
OHR	oil & heat resistant	≦120℃ (250℉)	≦140℃ (290℉)	
FHR412	Flame & heat resistant	≦120℃ (250℉)	≦150℃ (310℉)	
FHR423	Flame & heat resistant	≦150℃ (310℉)	≦250℃ (490℉)	

Remarks：Bearing temperature of belts is decided by materiality and size of stuff which will be carried.

Oil Resistant Conveyor Belt

Applications

- For all transportation process or materials containing oil including machine oil, heavy oil, mineral oil, or animal and vegetable oil, such as the grain, the mineral, the environmental protection recovery plant, the extract of petroleum, the production line of oily parts or the place where needs to prevent from the rubber deterioration by the oil.

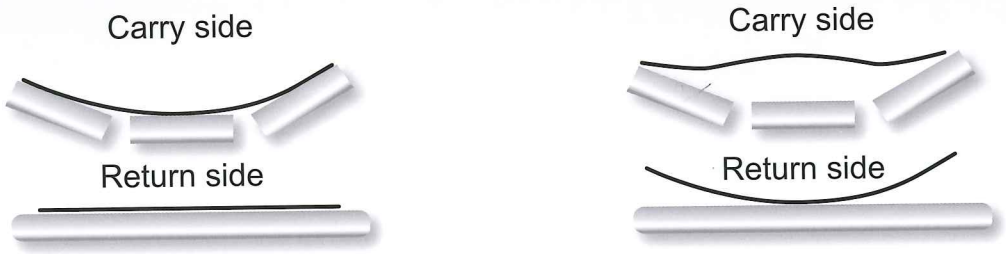


Selection of oil resistant belt

- Type of oil
- Volume and ingredients of oil.
- Temperature

Sufficient information provided can help to choose right belt grade hence to increase performance and service life.

Oil test comparion



Good oil resistant conveyor belt

Normal non oil resistant conveyor belt

Type of rubber		oil	Moderate oil resistant	Middle oil resistant	Full oil resistant	Complex oil resistant
KING Type			OR315	OR350	OR300	OHR/FOER
Volume Change(%)	24Hr	IRM903	<70%	<50%		
	96Hr	IRM901 IRM903			<15%	<15%
Condition	Test temperature : 70°C					

Specification

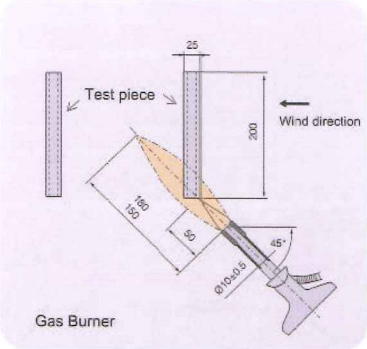
Rubber	Working tempeature	Types of oil
OR315	-25°C~60°C	wood oil, frozen food oil, and coal oil, etc.
OR350	-25°C~60°C	grain oil, animal oil and vegetable oil, etc.
OR300	-25°C~60°C	mineral oil, heavy oil , anti rust oil, engine oil, animal oil, recycling process oil, etc.
OHR	-25°C~120°C	Asphalt and coal, etc.
FOER	-25°C~60°C	Grain

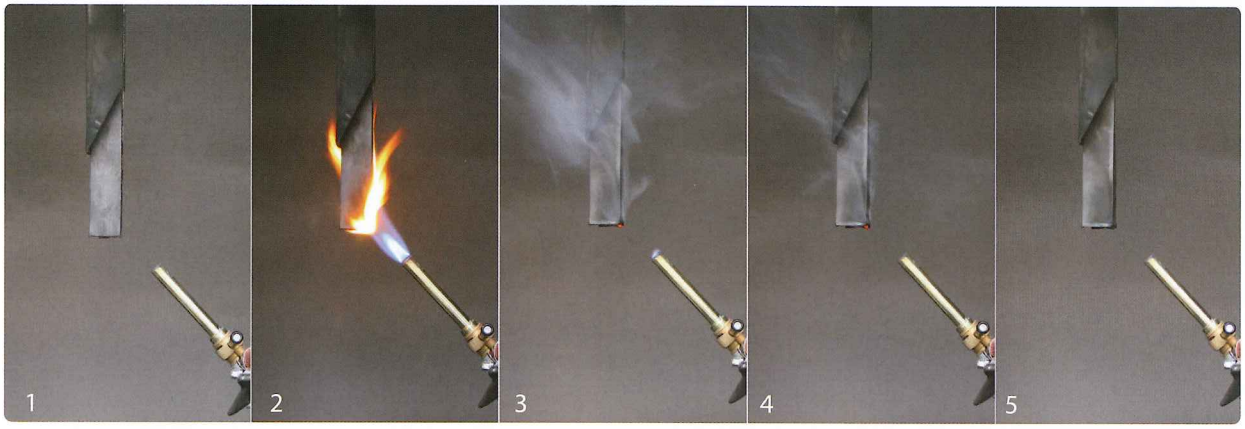
Flame Resistant Conveyor Belt

- KING brand flame resistant conveyor belt conforms to the standard of above ground and provides better abrasion and longer service life.

Applications

For handling flammable materials or the environment with potential risk to cause conveyor belt burning, such as coal mine and power plant, etc.





Temperature:1000℃±100℃

1. Test piece preparation
2. Start to burn → Burning continues for 60sec
3. Take the burner off
4. 1.5m/sec wind velocity to puff out the test piece
5. Test piece does not reburn

Specification

FR500	Flame resistant
FR510	Flame resistant and high abrasion
MSHA	MSHA
FOER	Flame, oil and anti-static resistant

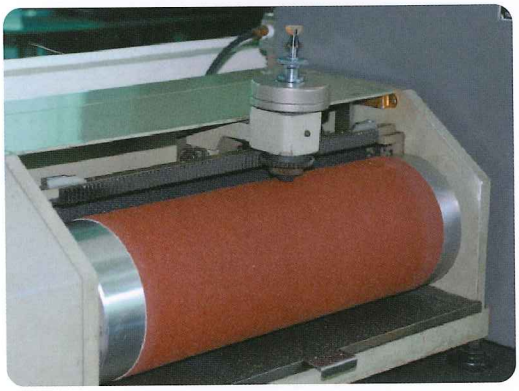
Remark: If using SW or Kevlar fabric as the carcass fabric to replace EP or steel cord products, it can increase the adhesion strength, provide better impact resistance and extend belt service life, also can prevent the danger caused by friction and the sparks due to steel cord exposure.

- KING brand conveyor belt provides different abrasion of compound to meet different requirement.

Applications

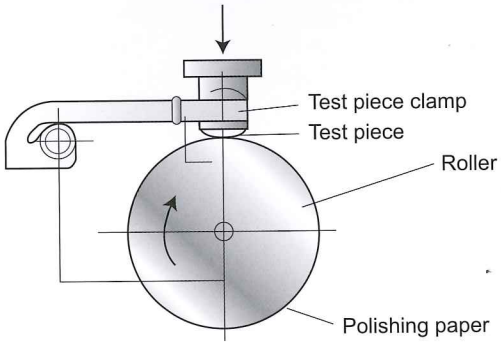
- Steel plant
- Coal mine
- Wharf
- Mining field
- Sinter
- Quarry
- Recycling treatment
- Sharp materials

Abrasion test



1.Dimensions of the specimen：Diameter 16mm and thickness 6mm above.
2.Installation：Diameter of the roller 150±0.2mm, turning speed 40±1rpm, clockwise rotation.
3.Loading：10±0.2N(1.02±0.02kgf)
4.Abrasion test:the front side need to protrude 2mm, abrasion test travel 40m.
5.Calculate volume of the abrasion

$$\Delta V = \frac{\Delta G \times W}{Q \times S}$$



ΔV : Abrasion volume (mm^3)
ΔG : Abrasion loss of test piece (mg)
W : 200±20 (mg)(Abrasion volume per 40m travel)
Q : Density of the specimen (mg/mm^3)
S : The abrasion force of the polishing cloth when test travel 40m (mg)

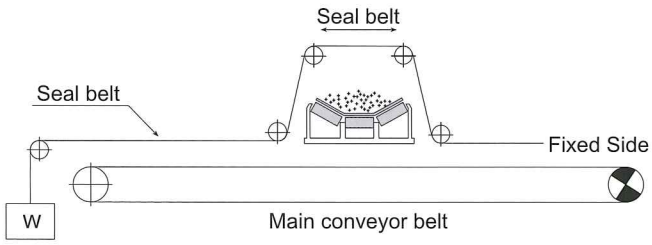
Rubber grades

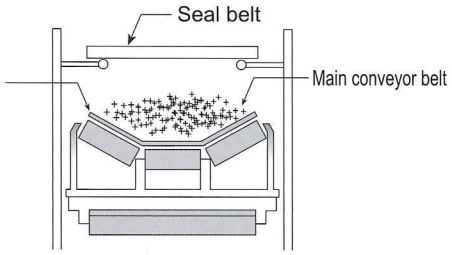
Types of rubber	Tensile strength(kg/cm^2)	Elongation (%)	Abrasion DIN(mm^3)	Hardness
A100	180↑	400↑	100↓	62±5
A80	160↑	400↑	80↓	62±5
A60	160↑	400↑	60↓	62±5
A40	160↑	400↑	40↓	62±5

Seal Belt

- A special reinforced layer is used to increase cross rigid, make the belt surface flat and tough withstand man weight 60-100 kg and allow the people walking on the belt for working or maintenance, and avoid material dispersing around, also it can provide dust-proof, wind-proof, rain-proof, and sunlight-proof.

- It's suitable to use in the movable loading station, such as the loading equipment to the wharf.

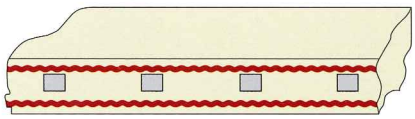


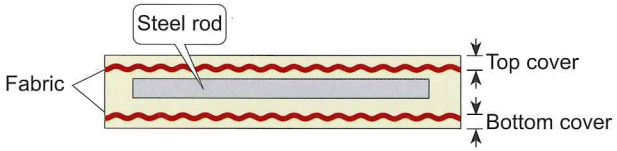


Construction

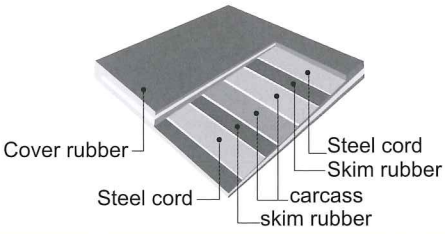
-

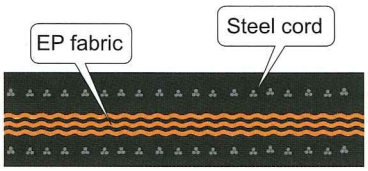
Steel rod



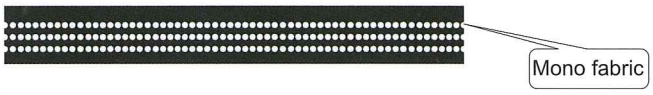


- Steel cord





- Mono



Specification

Construction	Width (mm)	Fabric strength (kg/cm/ply)	Rubber type	Withstand outer loading
Steel rod	1600~2200	100 135 160 200	Fire resistant Weather resistant	80~100kg
Steel cord	800~2000			60~80kg
Mono	600~1000			NO

Pipe Conveyor Belt

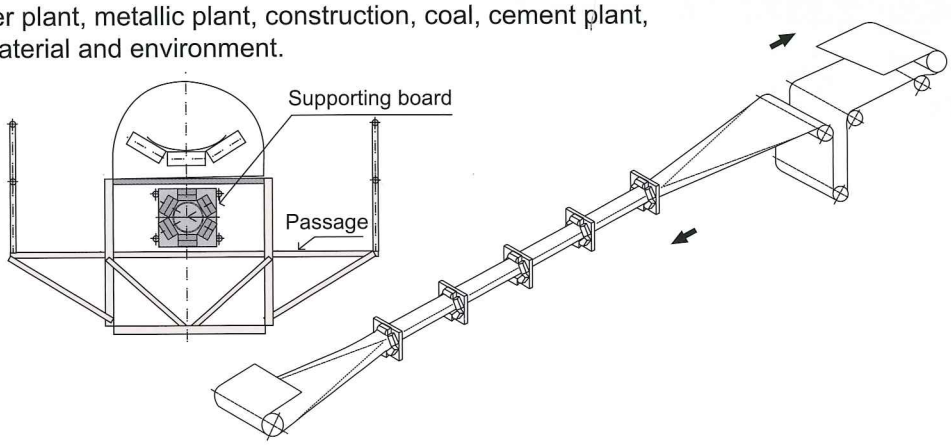
- Pipe conveyor belt is made with special carcass, combined with high properties of compound, suitable for handling powder and granular materials which pollute the environment easily.

Characteristics

1.Using sealed conveying method to protect the handling materials and environment.
2.Prevent the carrying materials from falling off or spilling out that caused environmental pollution.
3.Prevent other materials or rain from entering, assure purity of products.
4.Enable Conveying in curved line without geographic limit.
5.Provide larger conveying angle(Max. 30°) than traditional belt, shorten conveying distance.

Applications

- Suitable for using in wharf, power plant, metallic plant, construction, coal, cement plant, paper mill, or high pollution of material and environment.



- The rubber compounds can be abrasion resistant, oil resistant, heat resistant, flame resistant, anti-static resistant, chemical resistant or cold resistant.

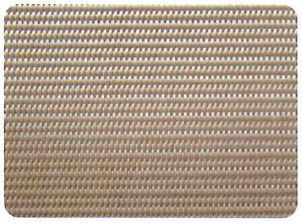
Specifications and conveying efficiency

Only for reference

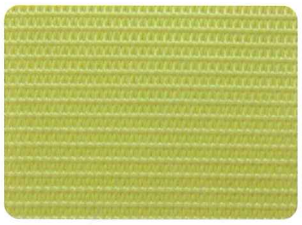
Inner pipe diameter (mm)	Loading area (m^2)	Conveying speed (m/min)	Conveying Volume (m^3/Hr)
150	0.013	120	95
200	0.024	130	184
250	0.037	140	309
300	0.053	150	477
350	0.072	175	758
400	0.094	200	1131
500	0.147	225	1988
600	0.212	250	2875
700	0.289	275	3931
800	0.377	300	5157

Bucket Elevator Belt

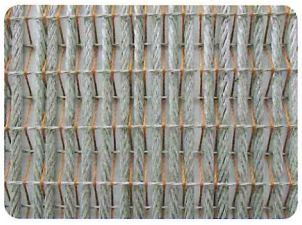
- The bucket elevator is designed for the vertical transportation and is mainly used in handling powder or granular materials. It can shorten the distance of transportation by using the buckets fixed on the belt for vertical transportation.



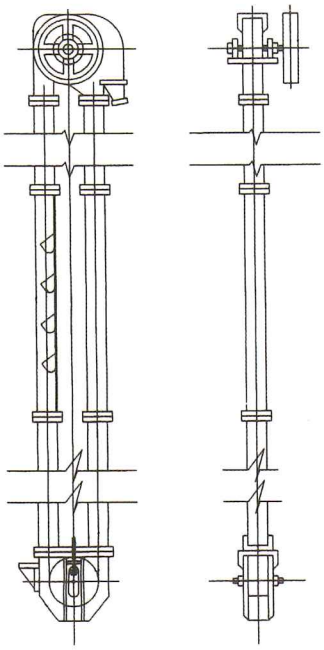
EP/NN



Kevlar(Aramid)



STF

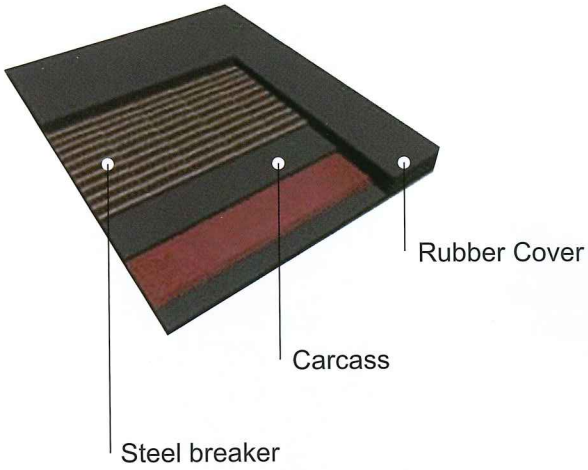


Specification

Fabric	Strength (kg / cm / ply)	Ply	Specification of the cover rubber	Rubber grades
Polyester / Nylon	100 135 160 200	2P 3P 4P	0.8mm x 0.8mm 1.5mm x 1.5mm 2.0mm x 2.0mm 1/32"x 1/32" 1/16"x 1/16" FS x FS BARE x BARE color of the bare side Brown	Abrasion resistant Oil resistant Heat resistant Flame resistant Anti-static resistant Chemical resistant
Polyester / Mono To increase cross rigidity	135 160	5P		
Straight Warp Reduce the thickness and weight of the belt and save power under same belt strength.	315 400 600 800 1000	1P 2P		
Kevlar The elongation is similar to that of the steel cord belt.	630 800 1000 1250 1400 1600	1P		
STF	800N~2000N			

Rip Stop Conveyor Belt

- Rip stop conveyor belt is mainly used to prevent the belt from penetrating or cut due to outside force factor during the conveying that cause risk of belt damage or broken. KING brand Rip stop conveyor belt provides a special rip stop breaker inserted in top cover, this rip stop breaker has different material and specification that meet various conveying design requirement

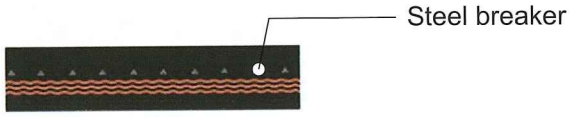


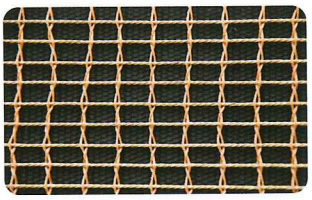
Features

- Good troughing index
- Good flexibility without increasing pulley diameter

Rip stop material

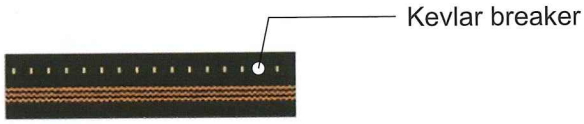
- Steel cord

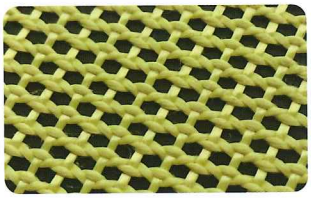




Steel mesh (NS)

- Kevlar fabric





Kevlar、Aramid (KA)

Specification

Rip stop material			Thickness mm		Width mm	Fabric strength kgf/cm N/mm	Cover rubber grade
Code	Material	Structure	Top	Bottom			
NA	Steel cord	Diameter:1.3mm Pitch:2~10mm (Can design according to customer's demand)	≧6.0mm	≧2.0mm	800 ~ 2200	300 ~ 2200	Abrasion resistant Impact resistant General resistant Fire resistant Cold resistant
KA	Kevlar	Denier:4500~18000 Density:(8~10) ±1 end/cm	≧4.0mm	≧1.5mm			Abrasion resistant Impact resistant Oil resistant Heat resistant Fire resistant Cold resistant

Specification expression

NS Series

R190 EP200+NS1502 1000 × (3+1)P × 8 × 2

NS ×× ××
- ×× — Pitch
- ×× — Diameter
- NS — Steel cord rip stop layer

KA Series

R190 EP200+KA630 1000 × (3+1)P × 8 × 2

KA ××××
- ×××× — Strength
- KA — Kevlar rip stop layer

Cold Resistant Conveyor Belt

- KING brand Cold resistant conveyor belt is designed for conveying in refrigerator storage or outdoor cold area, the belt can keep normal operation under the environment of -40℃.

Cover rubber type

- Impact resistant type
- Abrasion resistant type
- Flame resistant type

Chemical Resistant Conveyor Belt

Used in transporting chemicals, pulps, ceramics, fertilizer, or in carting goods with chemicals.
When selecting the chemical-proof Belt Cover Rubber, due to the difference in the type, density and temperature of the goods to be transported, it is necessary to make inquiry first.

Comparative Percentage of Chemical-Proof

Polyster	Chemical Name	Temperature Range(℃)	Compression	Abrasion	Weather	Ozone	Acid	Alkali	Alcohol	
SBR	Styrene Butadiene	-40° to 250°	G	E	R-F	NR	F-G	F-G	G-E	-30° to 120°
Neoprene	Chloroprene	-20° to 250°	G	G	G	E	E	E	E	-28° to 120°
Natural Rubber	Polyisoprene	-40° to 250°	E	E	P	NR	G	G	G-E	-30° to 120°
Butyl	Isobutylene Isoprene	-65° to 300°	G	F	E	E	E	E	G-E	-54° to 150°
Nitrile (Buna-N)	Butadiene Acrylonitrile	0° to 250°	G	E	P	F	G	G	F-G	-18° to 120°
PVC	Polyvinyl Chloride	0° to 180°	P	G	G	G	G	G	F	-18° to 80°
Silicone	Polysiloxane	-100° to 500°	F-G	F-G	E	E	G-F	G-F	F-G	-55° to 260°
Urethane	Polyether/Polyester Urethane	-30° to 250°	P	E	E	E	P-F	P-F	G	-34° to 120°
RAV	Rubber Modified Vinyl	-20° to 180°	G	G	E	E	G	E	G	-28° to 80°
UMV	Urethane Modified Vinyl	-20° to 180°	G	G	G	G	G	G	F	-28° to 80°

key:E-EXcellent, G- Good, F-Fair, P-Poor, NR-Not Recommend
Note:When Compounds are combined with fabric, characteristics will change.

Anti-Static Conveyor Belt

This is applicable to convey goods when it is difficult to use static for the belt to absorb fiber on the surface and when there is a risk of igniting a fire due to static spark.
Uses Synthetic rubber cover with excellent conductivity.

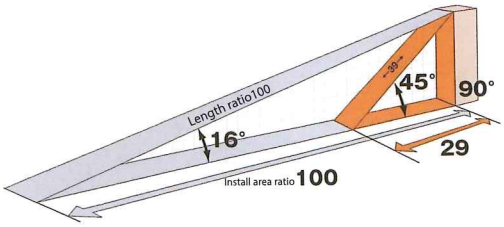
ELECTRICAL CONDUCTIVITY

Cover Rubber	Electrical Resistance
Anti-Static Cover Rubber	Under $3x10^8\Omega$
Ordinary Cover Rubber	$3x10^9\Omega$ ~ $3x10^{12}\Omega$

(a) the average of two measurements on the carrying side shall not exceed 300 MΩ.
(b) the average value of two measurements on the pulley side of the belting shall not exceed 300 MΩ.

Side Wall Conveyor Belt

- Side wall conveyor belt is technically cooperated with Yoshino Rubber in Japan, it provides good cross rigidity and special side wall design that make large angle conveying have excellent transportation performance and longer service life, 45°~90°angle conveyor belt length and save conveying area.

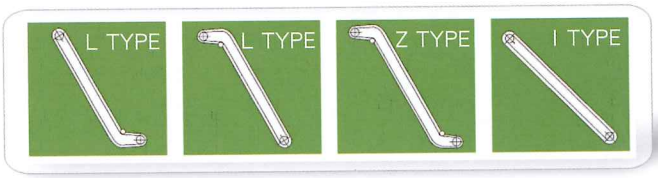


Conveyor belt specification,type

- Side wall type

Type		Application	Drawing
Standard type	T type	<45°	T TYPE / K TYPE
	K type	≧45°	
Special type	TC type	≧70° large conveying volume	TC TYPE / I TYPE
	KC type		

- Conveyor system type



- Specification

EP315 A80 600 × (2+2)P × 4.0 × 2.5

Tensil Strength (kgf/cm)	Rubber Grade	Width (mm)	Carcass plys + Reiforce plys	Top Cover (mm)	Bottom Cover (mm)

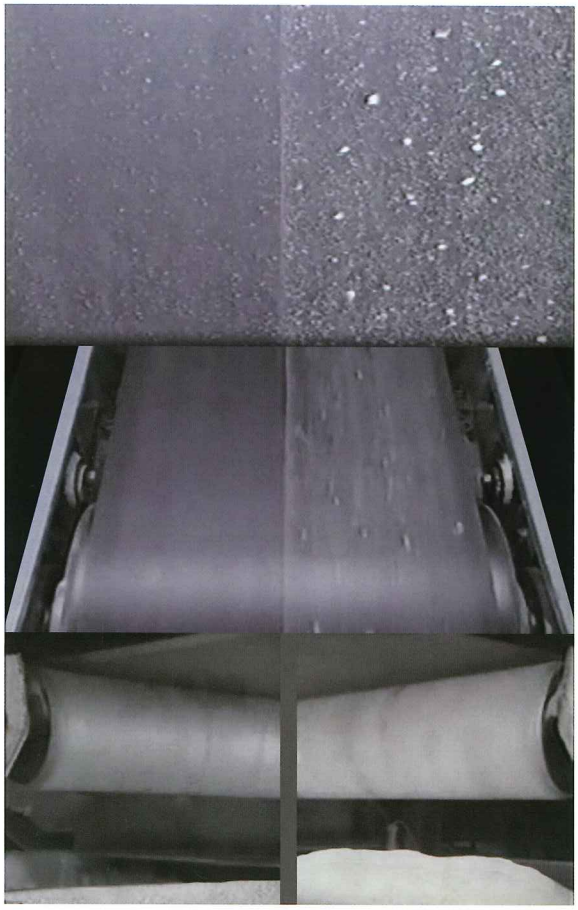
- Conveyor belt specification

Fabric	Cracass strength(kgf/cm、kN/m)	160	250	315	400	500	630	800	1000
	(carcass + reinforcement layer	(2+2)P	(2+2)P	(2+2)P	(2+2)P	(3+2)P	(3+2)P	(3+2)P	(4+2)P
Rubber specification	Cover rubber grade	abrasion resistant, super abrasion resistant, general heat resistant, fire resistant							
	Cover rubber thickness mm (Top cover x Bottom cover)	4.0×2.5	4.0×2.5	4.0×2.5	4.0×2.5	4.5×4.0	4.5×4.0	4.5×4.0	4.5×4.0
Belt width	300 mm	●	●	●					
	350 mm	●	●	●					
	400 mm	●	●	●					
	450 mm	●	●	●					
	500 mm	●	●	●	●				
	600 mm	●	●	●	●	●			
	650 mm	●	●	●	●	●			
	700 mm	●	●	●	●	●			
	750 mm	●	●	●	●	●	●		
	800 mm		●	●	●	●	●		
	900 mm		●	●	●	●	●	●	●
	1000 mm			●	●	●	●	●	●
	1050 mm			●	●	●	●	●	●
	1200 mm				●	●	●	●	●
	1350 mm					●	●	●	●
	1400 mm						●	●	●
	1500 mm							●	●
	1600 mm							●	●

Conveyor belt specification can be designed based on conveying volume, speed, material shape, kind and density etc.

Application

- Clay
- Iron ores
- Lime
- Fertilizer



Characteristics

- Avoiding sticking belts or down capacity of belts.
- Saving clean cost
- Prevent belt damaged
- Working Smoothly from return roller

Cover Rubber Type

- Abrasion Resistant
- Oil Resistant
- Flame Resistant
- Cold Resistant
- Chemical Resistant

International cover rubber standard

Standard	Rubber grade	Tensile strength kgf/cm²,min	Breaking elongation %,min	Abrasion mm³ max
CNS Taiwan	L	150	350	200
	S	180	450	200
	H	240	450	120
Standard	Rubber grade	Tensile strength kgf/cm²,min	Breaking elongation %,min	Abrasion mm³ max
AS Australia	A	173	400	70
	E	143	300	
	F	143	300	
	M	245	450	125
	N	173	450	200
	S	143	300	250
Standard	Rubber grade	Tensile strength N/mm²,min	Breaking elongation %,min	Abrasion mm³ max
DIN Germany	W	18	400	90
	X	25	450	120
	Y	20	400	150
	Z	15	350	250

Standard	Rubber grade	Tensile strength N/mm²,min	Breaking elongation %,min	Abrasion mm³ max
ISO International	H	24	450	120
	D	18	400	100
	L	15	350	200
Standard	Rubber grade	Tensile strength Mpa,min	Breaking elongation %,min	Abrasion mm³ max
JIS Japan	S	18	450	200
	A	14	400	150
	L	15	350	200
	D	18	400	100
	H	24	450	120
Standard	Rubber grade	Tensile strength kgf/cm²,min	Breaking elongation %,min	Abrasion mm³ max
SANS South Africa	M24	245	400	
	M17	173	400	
Standard	Rubber grade	Tensile strength kgf/cm²,min	Breaking elongation %,min	Abrasion mm³ max
RMA America	RMA1	176	400	200
	RMA2	141	400	250

Belt weight (only for reference)

Weight (kg/m)

Width (mm)	Thickness of the belt (mm)														
	5	6	7	9	10	11	12	13	14	15	16	17	18	19	20
300	1.8	2.2	2.5	3.2	3.7	4.0	4.4	4.8	5.1	5.6	6.0	6.4	6.8	7.1	7.5
350	2.1	2.5	2.9	3.8	4.3	4.7	5.1	5.6	6.0	6.6	7.0	7.4	7.9	8.3	8.8
400	2.4	2.9	3.4	4.3	4.9	5.4	5.9	6.3	6.8	7.5	8.0	8.5	9.0	9.5	10.0
450	2.7	3.2	3.8	4.9	5.5	6.0	6.6	7.1	7.7	8.4	9.0	9.6	10.1	10.7	11.3
500	3.0	3.6	4.2	5.4	6.1	6.7	7.3	7.9	8.5	9.4	10.0	10.6	11.3	11.9	12.5
550	3.3	4.0	4.6	5.9	6.7	7.4	8.1	8.7	9.4	10.3	11.0	11.7	12.4	13.1	13.8
600	3.6	4.3	5.0	6.5	7.3	8.1	8.8	9.5	10.2	11.3	12.0	12.8	13.5	14.3	15.0
650	3.9	4.7	5.5	7.0	7.9	8.7	9.5	10.3	11.1	12.2	13.0	13.8	14.6	15.4	16.3
700	4.2	5.0	5.9	7.6	8.5	9.4	10.2	11.1	12.0	13.1	14.0	14.9	15.8	16.6	17.5
750	4.5	5.4	6.3	8.1	9.2	10.1	11.0	11.9	12.8	14.1	15.0	15.9	16.9	17.8	18.8
800	4.8	5.8	6.7	8.6	9.8	10.7	11.7	12.7	13.7	15.0	16.0	17.0	18.0	19.0	20.0
900	5.4	6.5	7.6	9.7	11.0	12.1	13.2	14.3	15.4	16.9	18.0	19.1	20.3	21.4	22.5
1000	6.0	7.2	8.4	10.8	12.2	13.4	14.6	15.9	17.1	18.8	20.0	21.3	22.5	23.8	25.0
1050	6.3	7.6	8.8	11.3	12.8	14.1	15.4	16.7	17.9	19.7	21.0	22.3	23.6	24.9	26.3
1200	7.2	8.6	10.1	13.0	14.6	16.1	17.6	19.0	20.5	22.5	24.0	25.5	27.0	28.5	30.0
1400	8.4	10.1	11.8	15.1	17.1	18.8	20.5	22.2	23.9	26.3	28.0	29.8	31.5	33.3	35.0
1500	9.0	10.8	12.6	16.2	18.3	20.1	22.0	23.8	25.6	28.1	30.0	31.9	33.8	35.6	37.5
1600	9.6	11.5	13.4	17.3	19.5	21.5	23.4	25.4	27.3	30.0	32.0	34.0	36.0	38.0	40.0
1800	10.8	13.0	15.1	19.4	22.0	24.2	26.4	28.5	30.7	33.8	36.0	38.3	40.5	42.8	45.0
2000	12.0	14.4	16.8	21.6	24.4	26.8	29.3	31.7	34.2	37.5	40.0	42.5	45.0	47.5	50.0
2100	12.6	15.1	17.6	22.7	25.6	28.2	30.7	33.3	35.9	39.4	42.0	44.6	47.3	49.9	52.5
2200	13.2	15.8	18.5	23.8	26.8	29.5	32.2	34.9	37.6	41.3	44.0	46.8	49.5	52.3	55.0

Belt Diameter Conversion Table

Diameter unit : mm

Thickness (mm) \ Length(m)	100	200	250	300	350	400	450	500
3.0	650	897	997	1,089	1,173	1,252	1,326	1,396
4.0	741	1,029	1,146	1,252	1,350	1,441	1,527	1,608
4.5	783	1,089	1,213	1,326	1,430	1,527	1,618	1,704
5.0	823	1,146	1,277	1,396	1,506	1,608	1,704	1,795
5.5	860	1,200	1,338	1,463	1,578	1,686	1,786	1,882
6.0	897	1,252	1,396	1,527	1,647	1,759	1,865	1,965
6.5	931	1,302	1,452	1,588	1,714	1,830	1,940	2,044
7.0	965	1,350	1,506	1,647	1,777	1,899	2,013	2,120
7.5	997	1,396	1,558	1,704	1,839	1,965	2,083	2,194
8.0	1,029	1,441	1,608	1,759	1,899	2,028	2,150	2,266
8.5	1,059	1,485	1,657	1,813	1,956	2,090	2,216	2,335
9.0	1,089	1,527	1,704	1,865	2,013	2,150	2,280	2,402
9.5	1,118	1,568	1,750	1,915	2,067	2,209	2,342	2,467
10.0	1,146	1,608	1,795	1,965	2,120	2,266	2,402	2,531
10.5	1,173	1,647	1,839	2,013	2,172	2,321	2,461	2,593
11.0	1,200	1,686	1,882	2,060	2,223	2,375	2,518	2,654
11.5	1,226	1,723	1,924	2,105	2,273	2,428	2,575	2,713
12.0	1,252	1,759	1,965	2,150	2,321	2,480	2,630	2,771
12.5	1,277	1,795	2,005	2,194	2,369	2,531	2,684	2,828
13.0	1,302	1,830	2,044	2,237	2,415	2,581	2,737	2,884
13.5	1,326	1,865	2,083	2,280	2,461	2,630	2,788	2,938
14.0	1,350	1,899	2,120	2,321	2,506	2,678	2,839	2,992
14.5	1,373	1,932	2,158	2,362	2,550	2,725	2,889	3,045
15.0	1,396	1,965	2,194	2,402	2,593	2,771	2,938	3,097

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