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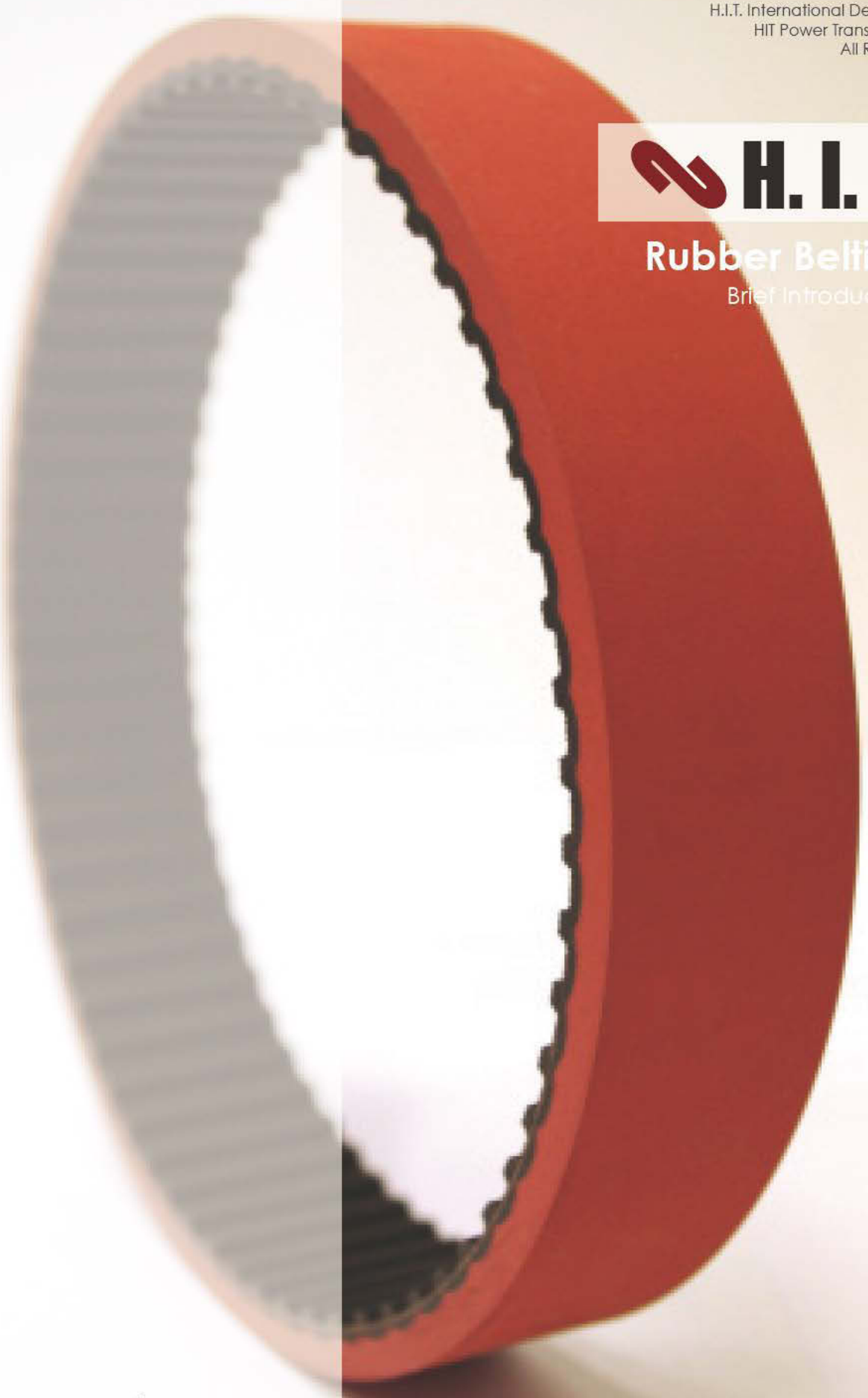
H.I.T. International Development Ltd
HIT Power Transmission Limited

H.I.T.®

Rubber Belting

Brief Introduction

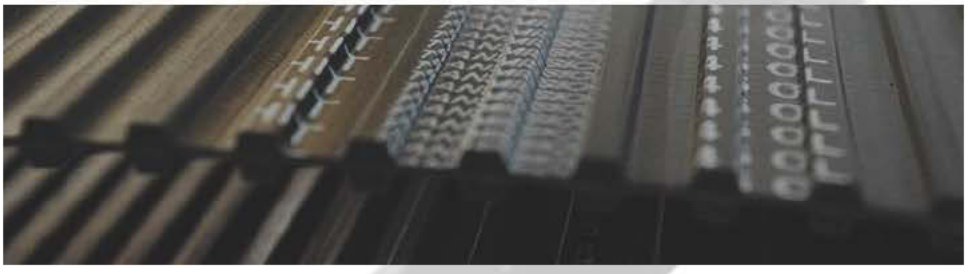


HIT *TRANSMISSION*®
Reliable & Professional Manufacturer for Power Transmission Products.

CONTENT
Rubber Belting Products
Brief Introduction

H.I.T.®

HIT Belief



"Whenever, HIT is persistent in pursuing the highest quality of products."

The Chinese nation is a long history ancient civilization, among many characteristics of this nation, the sprit of "fortitudinous and persistent" is the most commendable one.

Today, we still stick to the traditional spirit and faith. Similarly, during the globalized cooperation, this traditional spirit is a most important belief in HIT business territory.

Wherever in the world, HIT is committed to pass such a belief to our customers and to our friends ---- "Whenever, HIT is persistent in pursuing the highest quality of products, is committed to providing our customers with the best and most comprehensive products and services, creating the highest market value. "

Rubber Wrapped V-Belt

Rubber Belting

HIT V-belts include the common, narrow and deep wedge V-belt, etc. Our advanced production process effectively ensures that the products are of stable and reliable quality and that all the physical and mechanical performance indexes of the products meet the international standard.

The special rubber body compound with natural rubber and neoprene which one time vulcanized in circular molded, excellent cover fabric and strong polyester cord being its tension element, featuring our belts high strength, low elongation rate, long life utility, stable dimension, high bending and wearing resistance, etc., thus better satisfying the requirements for mechanical transmission.

Features/Advantages

- Rubber body hardness 75~80~85 Shore A.
- The adhesive strength of the wrapped fabric more than 4.5N per millimeter.
- Cords peeling off strength more than 350N per millimeter.
- Belt elongation rate <4%.

HIT Production Range

TYPE	Top Width	Height	Weight	HIT Length Range		
Z	10 mm	6 mm	64 g/M	Z 14 - Z 98	Li	inch
A	13 mm	8 mm	108 g/M	A 19 - A 197	Li	inch
B	17 mm	11 mm	196 g/M	B 23 - B 280	Li	inch
C	22 mm	13.5 mm	324 g/M	C 30 - C 315	Li	inch
D	32 mm	19 mm	668 g/M	D 79 - D 492	Li	inch
E	38 mm	25 mm	958 g/M	E 118 - E 492	Li	inch
SPZ	9.7 mm	8 mm	74 g/M	SPZ 500 - SPZ 4013	Lp	mm
SPA	12.7 mm	10 mm	123 g/M	SPA 750 - SPA 5018	Lp	mm
SPB	16.3 mm	13 mm	195 g/M	SPB 1272 - SPB 5072	Lp	mm
SPC	22 mm	18 mm	377 g/M	SPC 2030 - SPC 5030	Lp	mm
3V	9.5 mm	8 mm	74 g/M	3V 250 - 3V 1400	La	inch/10
5V	15.5 mm	13.5 mm	195 g/M	5V 500 - 5V 3550	La	inch/10
8V	25 mm	23 mm	575 g/M	8V 1000 - 8V 5000	La	inch/10
3L	3/8"	7/32"	56 g/M	3L 200 - 3L 480	La	inch/10
4L	1/2"	5/16"	96 g/M	4L 200 - 4L 1380	La	inch/10
5L	5/8"	3/8"	172 g/M	5L 230 - 5L 1630	La	inch/10

Order Example

HIT Rubber V Belt A 48 Li

Type/Section
Belt Length in inch
Length Standard

H.I.T.®

Rubber Banded V-Belt

The band construction allows multiple belts to function as a single unit. The individual belt and are bonded together with a fabric-neoprene top band, and with even load distribution and each strand fitting securely in the sheave groove. These belts are often used on vertical shafts and where belt vibration and flopping must be minimized.

Features/Advantages

The band assures high lateral rigidity, guiding the belt in a straight line and preventing it from coming off the drive. Sidewalls make the belt well suited for drives with smaller diameter sheaves. Cords are strongly bonded to the body of the belt resulting in equal load distribution and absorption of bending stress without cord deterioration.

Markets Applications

Recommended for multiple V-belt drives exposed to pulsating or heavy shock loads which can make belts whip, turn over or jump off the drive.

HIT Production Range

TYPE	Top Width	Belt Height	P. Width	Weight (/band)
R/A	13 mm	9.9 mm	15.9 mm	0.163 kg/M
R/B	17 mm	13 mm	19 mm	0.266 kg/M
R/C	22 mm	16.2 mm	25.4 mm	0.48 kg/M
R/D	32 mm	22.4 mm	37 mm	0.8 kg/M
R/E	38 mm	27 mm	44.5 mm	1.2 kg/M
R/SPZ	9.7 mm	10.5 mm	12 mm	0.13 kg/M
R/SPA	12.7 mm	12.5 mm	15 mm	0.18 kg/M
R/SPB	16.5 mm	15.6 mm	19 mm	0.28 kg/M
R/SPC	22 mm	22.6 mm	25.5 mm	0.58 kg/M
R/3V	9 mm	9.9 mm	10.5 mm	0.13 kg/M
R/5V	15 mm	15.1 mm	17.5 mm	0.28 kg/M
R/8V	25 mm	25.5 mm	28.7 mm	0.7 kg/M

HIT offers full length range of all kinds of Wrapped V and Banded V Belts.
For updated molds list please visit our website.

Order Example

HIT Banded V Belt 5 R/B 180 Li

- Bands No. — 5
- Type/Section — R/B
- Belt Length in inch — 180
- Length Standard — Li

Rubber Agricultural Belt

Rubber Belting

HIT agriculture V-Belt is especially recommended for shock loads, pulsation loads, large center distances, vertical shaft drives, and it is especially suited for clutching drives, V-flat drives.

Construction

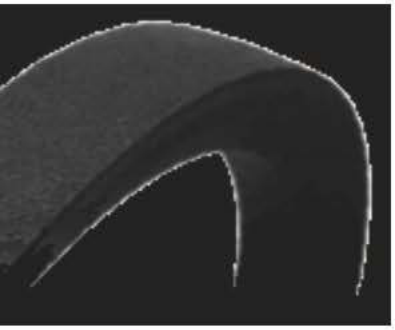
• Envelope - A special rubber-impregnated fabric that offers resistance to abrasion. It is also responsible for the total protection of all the belts.
• Tensile element (tensile cords) - Constituted of synthetic fiber cords that guarantee total power transmission with a very low elongation rate and high resistance to fatigue.
• Compression element - A compound prepared to resist the fatigue of compression and to dissipate heat generated by the system giving the belt a longer life.
• Insulating element - A special compound prepared to keep the tensile element connected to the body of the belt, avoiding friction between the components.
• Tension rubber - A material composed of special rubber that is responsible for reducing the possible effects of impact on the belt. It also offers better flexibility to the system, and better adjustment of the belt to the pulley.

Features/Advantages

• High flexibility combined with excellent cross section rigidity.
• Maximum economy.
• Outstanding power transmission.
• Temperature resistance from -40 to 90 centigrade.

HIT Production Range

Profile	Width	Height	Width (inch)	Height (inch)
HI	25.4 mm	12.7 mm	1 inch	0.5 inch
HJ	31.8 mm	15.1 mm	1.25 inch	0.59 inch
HK	38.1 mm	17.5 mm	1.5 inch	0.69 inch
HL	44.5 mm	19.8 mm	1.75 inch	0.78 inch
HM	50.8 mm	22.2 mm	2 inch	0.88 inch
HN	57.2 mm	23.9 mm	2.25 inch	0.94 inch
HO	63.5 mm	25.4 mm	2.5 inch	1 inch



Order Example

HIT Agricultural Belt HL 108 Li

Type/Section
Belt Length in inch
Length Standard

H.I.T.®

Rubber Hexagon Belt

This belt is designed for serpentine and reversing drives, double V-belts transmit power from both sides of the belt and maintain sidewall contact of grooves. And this belt is ideally suited for serpentine drives where power needs to be transmitted equally from both sides of the belt.

The double-wrapped cotton-neoprene cover and polyester cords provide maximum strength and length stability with minimum stretch.

Double-wrapped cotton-neoprene cover is added for excellent resistance to abrasive wear, heat, ozone, grease, oil, or dirt.

Centrally located polyester cord and special synthetic rubber compounds assure long v-belt life and smooth, capable horsepower capacity.

Markets/Applications

Suitable for all industrial serpentine applications requiring rotation
reversal on some driven shafts.

HIT Production Range

Profile	Width	Thickness	Angle	Weight	HIT Length Range
HAA	13 mm	10 mm	40°	0.18 kg/M	1350mm ~ 28000mm Le
HBB	17 mm	13 mm	40°	0.27 kg/M	1350mm ~ 28000mm Le
HCC	22 mm	17 mm	40°	0.58 kg/M	1600mm ~ 28000mm Le
HDD	32 mm	25 mm	40°	0.93 kg/M	3000mm ~ 28000mm Le

Order Example

HIT Hexagon Belt HAA 88 Le

Type/Section — HAA
Belt Length in inch — 88
Length Standard — Le

HIT offers full length range of all kinds of Agricultural Belts and Hexagon Belts.
For updated molds list please visit our website.

Rubber Cogged Belt

Rubber Belting

HIT cogged belt has been modified and improved to take advantage of countless developments in materials and technology.

The special stress-relieved top fabric and excellent gripping sidewalls, strong polyester cord, exclusive loaded neoprene rubber compounds and precision molded cogs.

The raw edge sidewalls reduce v-belt slippage for increased productivity. Loaded neoprene is the best v-belt compound available for maximum resistance to heat, oil, ozone, and many chemicals.

These superior materials, construction and design enable the HIT Cogged-Belt to outperform and outlast ordinary wrapped v-belts.

The special material and construction, which combining the superior flexing of precision molded cogs with the tenacious gripping of raw edge sidewalls, provides longer belt life, higher efficiency and horse power ratings and opportunities to save time, energy and space.

HIT Production Range

PROFILE	Top Width	Height	Weight	Length Standard
ZX	10 mm	6 mm	62 g/M	inch Li
AX	13 mm	8 mm	99 g/M	inch Li
BX	17 mm	11 mm	176 g/M	inch Li
CX	22 mm	14 mm	276 g/M	inch Li
DX	32 mm	19 mm	605 g/M	inch Li
XPZ	9.7 mm	8 mm	65 g/M	mm Lp
XPA	12.7 mm	10 mm	96 g/M	mm Lp
XPB	16.3 mm	13 mm	183 g/M	mm Lp
XPC	22 mm	18 mm	340 g/M	mm Lp
3VX	3/8"	5/16"	66.6 g/M	inch/10 La
5VX	5/8"	17/32"	175.5 g/M	inch/10 La
8VX	1"	7/8"	517.5 g/M	inch/10 La

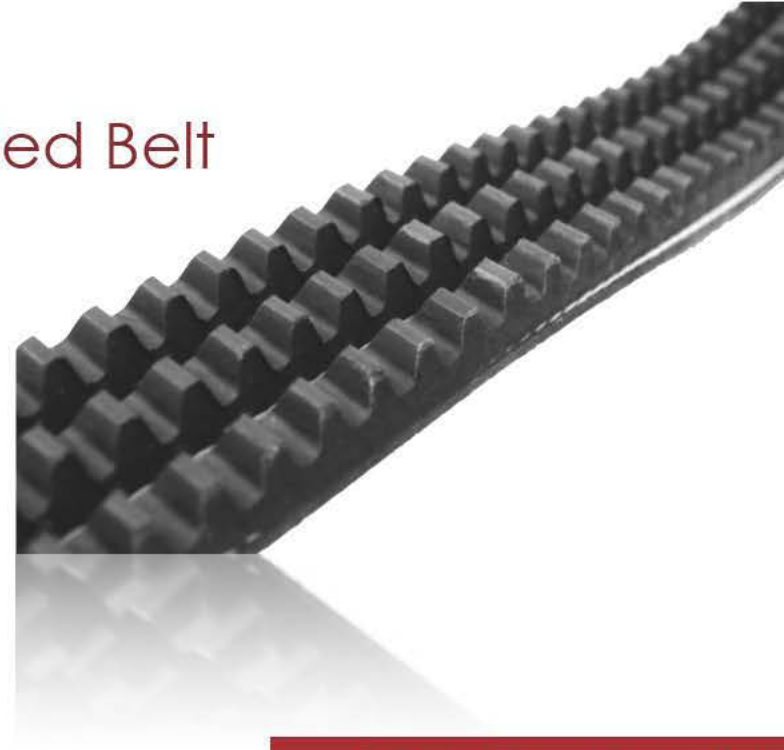
Order Example

HIT Cogged V Belt AX 48 Li

Type/Section
Belt Length in inch
Length Standard

H.I.T.

Rubber Cogged Banded Belt



Banded cogged v-belts design to prevent belt whip and rollover on long center distance drives.

Full neoprene design provides excellent service in harsh environments and high shock load conditions.

HIT provide outstanding resistance to oil, heat and harsh environmental conditions, and a longer life, energy savings, and superior operating characteristics with the stability of a cogged banded belts.

Banded cogged V-belts are available in classical cogged multiple sections, Such as AX, BX, CX ; narrow cogged V Belts XPA, XPB,XPC and wedge sections 3VX, 5VX and 8VX. They feature the same constructions as the individual belt and are bonded together with a fabric -neoprene top band.

HIT offers full length range of all kinds of Cogged and Cogged Banded Belts.
For updated molds list please visit our website.

HIT Production Range

Profile	Top Width	Belt Height	Pitch Width	Weight (/band)
R/AX	13 mm	9.9 mm	15.9 mm	0.14 kg/M
R/BX	17 mm	13 mm	19 mm	0.24 kg/M
R/CX	22 mm	16.2 mm	25.4 mm	0.46 kg/M
R/XPZ	9.7 mm	10.5 mm	12 mm	0.12 kg/M
R/XPA	12.7 mm	12.5 mm	15 mm	0.16 kg/M
R/XPB	16.5 mm	15.6 mm	19 mm	0.26 kg/M
R/XPC	22 mm	22.6 mm	25.5 mm	0.56 kg/M
R/3VX	9 mm	9.9 mm	10.5 mm	0.12 kg/M
R/5VX	15 mm	15.1 mm	17.5 mm	0.26 kg/M
R/8VX	25 mm	25.5 mm	28.7 mm	0.7 kg/M

Order Example

HIT Banded Cogged Belt 5 R/BX 180 Li

- Bands No.
- Type/Section
- Belt Length in inch
- Length Standard

Rubber Timing Belt

Rubber Belting

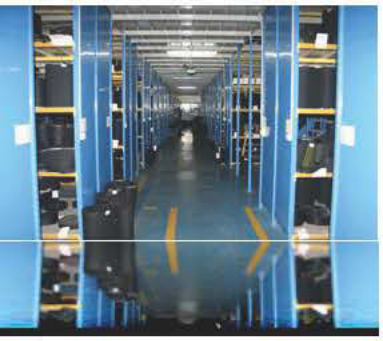
Single Teeth Timing Belt

HIT Rubber timing belts are available with single and double side teeth. With high strong fiber glass cord, exclusive neoprene belt body, and tough nylon fabric.

• A high-strong fiberglass cord is wound across the entire width of the belt pitch line insuring minimal stretch and resistance to repeated flexing. The elongations less than 1% under the maximum load tension.
• The belt body is a synthetic neoprene compounded to resist flex fatigue, heat, ozone, mineral lubricating oils and aging.
• Neoprene teeth provide protection against grime, grease, oil and moisture.
• Tooth shear strength > 75 N/mm within operational temperature range.
• The Neoprene backing abrasion resistant neoprene protects the tensile cord from dirt, oil, and heat. Thin construction means less heat build-up and long, reliable belt life.
• Rubber hardness 75+-5 Shore A; and the hardness changed less than +-15 Shore A when the temperature changed from -30°C to +120°C;
• A tough nylon fabric is bonded to the tooth surface for wear resistance. Nylon tooth facing provides a durable wear surface for long service life. Adhesive force of the fabric >6 N/MM;
• Fully operational in temperature extremes of -30°C to +120°C.

Features/Advantages

• Higher torque transmission at low speeds.
• High power transmission over a wide speed range.
• Improved meshing to reduce tooth jump.
• Higher resistance to tooth shear.
• Less tooth wear due to friction.



Double Teeth Timing Belt

Double Sided Timing Belts provides maintenance-free synchronization from both sides of the belt on positive drive applications. Double teeth design allows for equal load capacity on both sides of the belt, a feature not found in every dual-sided belt on the market. This gives you the freedom to use a single belt for a series of pulleys which traditionally required more drives. In addition, The Double Side Timing Belt makes more efficient use of available space and results in decreased overall drive weight when compared to standard single sided timing belts.

Body — Flexible neoprene body resists oil, heat, ozone, grease, and moisture for long belt life.
Tensile Cords — Strong, helically wound cords won't stretch or fatigue under high horsepower loads.
Teeth — Durable, precision formed teeth engage pulley grooves for accurate synchronization from both sides of the belt.
Facing — Tough nylon fabric on both sides of the belt protect teeth against wear and abrasion.
Low coefficient of friction provides smooth running characteristics.

Both symmetrical (DA) and overlapping (DB) double sided timing belt are available.

kinds of timing belts.
For updated molds list please visit our website.

HIT Production Range (Single Teeth)

Type	T. Pitch	T. Height	Thickness	Weight/m/mm
T2.5	2.50 mm	0.70 mm	1.30 mm	0.0015 KG
T5	5.00 mm	1.20 mm	2.20 mm	0.0025 KG
T10	10.00 mm	2.50 mm	4.50 mm	0.0045 KG
T20	20.00 mm	5.00 mm	8.00 mm	0.0080 KG
AT5	5.00 mm	1.20 mm	2.70 mm	0.0030 KG
AT10	10.00 mm	2.50 mm	5.00 mm	0.0060 KG
AT20	20.00 mm	5.00 mm	8.00 mm	0.0110 KG
MXL	2.032 mm	0.510 mm	1.140 mm	0.0009 KG
XL	5.080 mm	1.270 mm	2.300 mm	0.0020 KG
L	9.525 mm	1.910 mm	3.600 mm	0.0024 KG
H	12.700 mm	2.290 mm	4.300 mm	0.0028 KG
XH	22.225 mm	6.350 mm	11.200 mm	0.0128 KG
XXH	31.750 mm	9.530 mm	15.700 mm	0.0230 KG
2M	2.00 mm	0.75 mm	1.36 mm	0.0018 KG
3M	3.00 mm	1.17 mm	2.40 mm	0.0026 KG
5M	5.00 mm	2.06 mm	3.80 mm	0.0048 KG
8M	8.00 mm	3.36 mm	6.00 mm	0.0069 KG
14M	14.00 mm	6.02 mm	10.00 mm	0.0110 KG
20M	20.00 mm	8.40 mm	13.20 mm	0.0210 KG
S2M	2.00 mm	0.76 mm	1.36 mm	0.0018 KG
S3M	3.00 mm	1.14 mm	1.90 mm	0.0026 KG
S4.5M	4.50 mm	1.71 mm	2.81 mm	0.0042 KG
S5M	5.00 mm	1.91 mm	3.40 mm	0.0048 KG
S8M	8.00 mm	3.05 mm	5.30 mm	0.0069 KG
S14M	14.00 mm	6.00 mm	10.00 mm	0.0110 KG
RPP2M	2.00 mm	0.76 mm	1.36 mm	0.0018 KG
RPP3M	3.00 mm	1.15 mm	1.90 mm	0.0026 KG
RPP5M	5.00 mm	1.95 mm	3.50 mm	0.0048 KG
RPP8M	8.00 mm	3.20 mm	5.50 mm	0.0069 KG
RPP14M	14.00 mm	6.00 mm	10.00 mm	0.0110 KG

Order Example

HIT Rubber Timing Belt 8M 1000 450

Type/Section
Belt Length in mm
Sleeve Width in mm

HIT offers full arrange of Double Teeth Timing Belts, specifications please take reference of the left list. The weights are 1.4 times multiple.

Rubber Open Length Timing Belt

Rubber Belting

HIT Open Length Timing Belt is available in metric pitches in neoprene construction. A number of configurations are offered to satisfy most applications requiring synchronization and specialized uses such as conveying, positioning, metering, etc.

The belt is produced both in straight and spiral cut method, is especially suited for linear movements (automated doors, automated warehouse conveyors and elevators), accurate positioning (machine tools, and x-y coordinate machines), and reversal drives.

All sizes and types are suitable for splicing endless with a range of durometer and selection of tension members available to accommodate most application requirements. Belt cord are availabe in fiberglass cord Kevlar cord/Carbon tensile cord.

HIT Production Range

Belt Code	Width	Roll	Width	Roll	Width	Roll	Width	Roll	Width	Roll
MXL	25 mm	100 M	31 mm	80 M	37 mm	65 M	50 mm	100 M	-	-
XL	25 mm	65 M	31 mm	100 M	37 mm	80 M	50 mm	65 M	-	-
L	37 mm	65 M	50 mm	100 M	62 mm	80 M	75 mm	65 M	-	-
H	62 mm	120 M	75 mm	95 M	-	-	-	-	-	-
T5	10 mm	85 M	15 mm	55 M	20 mm	40 M	-	-	-	-
T10	10 mm	80 M	15 mm	110 M	20 mm	80 M	-	-	-	-
3M	6 mm	100 M	9 mm	70 M	10 mm	65 M	12 mm	110 M	15 mm	88 M
5M	9 mm	90 M	10 mm	80 M	12 mm	135 M	15 mm	110 M	20 mm	80 M
8M	10 mm	75 M	12 mm	120 M	15 mm	100 M	18 mm	85 M	20 mm	75 M
S2M	6 mm	100 M	9 mm	70 M	10 mm	65 M	12 mm	110 M	15 mm	88 M
S3M	6 mm	100 M	9 mm	70 M	10 mm	65 M	12 mm	55 M	15 mm	40 M
S5M	9 mm	130 M	10 mm	120 M	15 mm	80 M	20 mm	60 M	-	-
S8M	10 mm	75 M	12 mm	120 M	15 mm	100 M	18 mm	85 M	20 mm	75 M
RPP8M	10 mm	75 M	12 mm	120 M	15 mm	100 M	18 mm	85 M	20 mm	75 M

Order Example

HIT Open Timing Belt 8M 20 X60

Type/Section
Belt Width in mm
Length in Meters

H.I.T.®

Rubber Flat Belt

Employing reinforcement with high intensity, slight elongation and anti-wearing out as strong base, high-speed rubber flat belt is characteristic as strong transmission power and anti-wearing out.

Features/Advantages

- Fiber cord: 100% cotton, nylon and cotton blend.
- High-quality chloroprene rubber.
- Width: 20 to 1,000mm.
- Ply: two-unlimited.
- Colors: brown, beige and black.
- Good flexibility, high viscosity and low elongation rate.

Markets Applications

Used as for rice and food stuffing machines, oil machinery, stone and sand machinery.

HIT offers full length range of all kinds of Open Length Belt, and Flat Belts both mold or open. Special Material backed are also available. For updated molds list please visit our website.

HIT Production Range

Molded Effective Length (mm)						
174	630	830	975	1125	1393	1764
224	635	835	985	1130	1420	1790
258	650	840	990	1150	1430	1805
275	664	850	995	1155	1448	1815
292	673	852	1000	1165	1460	1841
305	686	855	1005	1180	1470	1875
325	705	860	1015	1185	1480	1880
336	710	865	1020	1200	1524	1905
356	725	872	1030	1219	1545	1950
374	735	875	1040	1220	1560	1980
380	760	880	1045	1230	1570	2080
432	762	900	1050	1240	1580	2100
457	765	915	1055	1250	1590	2125
483	775	920	1070	1260	1605	2145
510	780	930	1075	1270	1615	2255
530	805	935	1080	1290	1650	2288
550	810	950	1095	1300	1665	2375
560	815	955	1100	1330	1690	2475
570	820	960	1110	1340	1700	2515
603	825	970	1120	1367	1740	

Order Example

HIT Rubber Flat Belt 25 FL 950 -2

- Belt Width
- Type/Section
- Belt Length in mm
- Thickness in mm

Rubber Link Belt

Rubber Belting

Link belt V-belting is designed for rapid installation in an assortment of lengths and operating conditions. Open-end link belting, perforated or solid, has an oil and wear-resistant rubber cover, high performance elastomeric rubber, reinforced with multiple plies of polyester fabric and make endless with a simple metal locks.

Unique outperform

Link V-belts are incredibly strong and flexible belt with the same horsepower ratings as classical section V-belts.

Easy Installation

Link V-belts can be made up to required length, by hand, in seconds and rolled onto the drive just like a bicycle chain. The belts have the same cross section dimensions as regular belts and can be installed on existing sheaves with no changes in set up.
Available in class V-belt sections such as Z, A, B, C. section.
Standard Length: Sold in 30 Meters rolls packaged in cartons.

Applications

Suitable alternative to standard belts on all industrial applications and particularly suited to drives requiring link belting for ease of installation.

Features

- Orange rubber composite resists oil, water, chemicals and heat.
- working temperature range:-40o C to +100o C.
- May be assembled in an assortment of lengths to fit multiple drive configurations.
- The ideal temporary replacement or permanent substitute for conventional rubber V-Belts.
- Easy snap and twist assembly.
- Ideal for emergency repairs and replacements. Fits any drive and available in most popular sizes.
- You will never be without a belt in any circumstance.

Order Example

HIT Rubber Link V Belt Link A 30

Products
Type/Section
Belt Roll Length in Meter

H.I.T.®

Rubber Poly-V Belt

HIT Poly-V belt is ideally suited for high speed, and or high drive ratio applications that conventional V-belts just can't handle, and offers smooth, vibration-free performance in a single, compact drive belt. Poly-V belts allow the design of compact, vibration-free drives that are resistant to heat and abrasion for longer belt life. Special, chemically treated polyester cord enhances belt stability.

Construction

- Top surface: wear resistant neoprene rubber compound fabric.
- Tension cord: low stretch strong polyester cord.
- Cushioning: highly adhesive neoprene rubber compound layers.
- Base: excellent neoprene rubber.

HIT offers full length range of Poly-V Belts. Most important, grinded belts are of very large ribs, thus highly saved your stock cost. For updated molds list please visit our website.

HIT Production Range

TYPE	PH	PJ	PK	PL	PM	PJ (Molded)
Centre Distance Pitch	1.6 mm	2.34 mm	3.56 mm	4.7 mm	9.4 mm	2.34 mm
Belt Height	3 mm	3.5 mm	6 mm	9.5 mm	16.5 mm	3.5 mm
Weight per Rib	5.9 g/m	8.4 g/m	20 g/m	30.9 g/m	124.1 g/m	8.4 g/m
Min. Pulley Diameter	13 mm	20 mm	40 mm	75 mm	180 mm	20 mm
Min. Reverse Bend Dia.	32 mm	45 mm	70 mm	140 mm	300 mm	45 mm
HIT Max Ribs	305 Ribs	205 Ribs	135 Ribs	100 / 44 Ribs	50 / 32 / 18 Ribs	101 / 204 Ribs

HIT Grinded Poly V-Belts

- High transmission power.
- Compact structure of transmission system.
- Thin, soft belt carcass.
- Heat, oil, wear resistant.
- Low elongation rate.
- Long life utility.

Order Example

HIT Poly-V Belt 25 PJ 320

Ribs number
Type/Section
Belt Length in inch X 10

HIT Molded Poly V-Belts

- Made by jacket construction, more accurate size, Longer service, Lower noise, Less pilling.
- Joined by supersonic and have no overlap.
- More stable, more flexible, much lower noises, longer service life.
- Specially for tensioned system to avoid running noise caused by fabric overlap.
- Made by molded notch technology, having more advantages.
- Less heat building -up, thus better performance.

International Standards

Standards and drafts of: ISO/TC 41/SC 4 Synchronous belt drives

ISO 12046:1995	Synchronous belt drives -- Automotive belts -- Determination of physical properties
ISO 13050:1999	Curvilinear toothed synchronous belt drive systems
ISO 5288:2001	Synchronous belt drives -- Vocabulary
ISO 5294:1989	Synchronous belt drives -- Pulleys
ISO 5295:1987	Synchronous belts -- Calculation of power rating and drive centre distance
ISO 5296-1:1989	Synchronous belt drives -- Belts -- Part 1: Pitch codes MXL, XL, L, H, XH and XXH -- Metric and inch dimensions
ISO 5296-2:1989	Synchronous belt drives -- Belts -- Part 2: Pitch codes MXL and XXL -- Metric dimensions
ISO 9010:1997	Synchronous belt drives -- Automotive belts
ISO 9011:1997	Synchronous belt drives -- Automotive pulleys
ISO 9563:1990	Belt drives -- Electrical conductivity of antistatic endless synchronous belts -- Characteristics and test method
ISO/AWI 17396-1	Synchronous belt drives -- Part 1: Belts-- Pitch codes T2.5, T5, T10, T20, AT2.5, AT5, AT10, AT20
ISO/AWI 5294	Synchronous belt drives -- Pulleys

Standards and drafts of: ISO/TC 41/SC 1 Veebelts and grooved pulleys

ISO 1081:1995	Belt drives -- V-belts and V-ribbed belts, and corresponding grooved pulleys -- Vocabulary
ISO 11749:1995	Belt drive -- V-ribbed belts for the automotive industry -- Fatigue test
ISO 155:1998	Belt drives -- Pulleys -- Limiting values for adjustment of centres
ISO 1604:1989	Belt drives -- Endless wide V-belts for industrial speed-changers and groove profiles for corresponding pulleys
ISO 1813:1998	Belt drives -- V-ribbed belts, joined V-belts and V-belts including wide section belts and hexagonal belts -- Electrical conductivity of antistatic belts: Characteristics and methods of test
ISO 22:1991	Belt drives -- Flat transmission belts and corresponding pulleys -- Dimensions and tolerances
ISO 254:1998	Belt drives -- Pulleys -- Quality, finish and balance
ISO 255:1990	Belt drives -- Pulleys for V-belts (system based on datum width) -- Geometrical inspection of grooves
ISO 2790:1989	Belt drives -- Narrow V-belts for the automotive industry and corresponding pulleys -- Dimensions
ISO 3410:1989	Agricultural machinery -- Endless variable-speed V-belts and groove sections of corresponding pulleys
ISO 4183:1995	Belt drives -- Classical and narrow V-belts -- Grooved pulleys (system based on datum width)
ISO 4184:1992	Belt drives -- Classical and narrow V-belts -- Lengths in datum system
ISO 5287:1985	Narrow V-belt drives for the automotive industry -- Fatigue test
ISO 5289:1992	Agricultural machinery -- Endless hexagonal belts and groove sections of corresponding pulleys
ISO 5290:1993	Belt drives -- Grooved pulleys for joined narrow V-belts -- Groove sections 9J, 15J, 20J, and 25J (effective system)
ISO 5291:1993	Belt drives -- Grooved pulleys for joined classical V-belts -- Groove sections AJ, BJ, CJ and DJ (effective system)
ISO 5292:1995	Belt drives -- V-belts and V-ribbed belts -- Calculation of power ratings
ISO 8370-1:1993	Belt drives -- Dynamic test to determine pitch zone location -- Part 1: V-belts
ISO 8370-2:1993	Belt drives -- Dynamic test to determine pitch zone location -- Part 2: V-ribbed belts
ISO 8419:1994	Belt drives -- Narrow joined V-belts -- Lengths in effective system
ISO 9608:1994	V-belts -- Uniformity of belts -- Test method for determination of centre distance variation
ISO 9980:1990	Belt drives -- Grooved pulleys for V-belts (system based on effective width) -- Geometrical inspection of grooves
ISO 9981:1998	Belt drives -- Pulleys and V-ribbed belts for the automotive industry -- PK profile: Dimensions
ISO 9982:1998	Belt drives -- Pulleys and V-ribbed belts for industrial applications -- PH, PJ, PK, PL and PM profiles: dimensions
ISO/DIS 8419	Belt drives -- Narrow V-belts -- Sections 9N/J, 15N/J and 25N/J (lengths in effective system)
ISO/PRF 5290	Belt drives -- Grooved pulleys for joined narrow V-belts -- Groove sections 9N/J, 15N/J, 20J, and 25N/J (effective system)

USA/ANSI/RMA STANDARDS

RMA IP-20	Classical Multiple V-Belts (A,B,C., D, and E Cross Sections)
RMA IP-21	Double V-Belts (AA, BB, CC, and DD Cross Sections)
RMA IP-22	Narrow Multiple V-Belts (3V, 5V, and 8V Cross Sections)
RMA IP-23	Single V-Belts (2L, 3L, 4L, and 5L Cross Sections)
RMA IP-24	Synchronous Belts (MXL, XL, L, H, XH, and XXH Belt Sections)
RMA IP-25	Variable Speed V-Belts (12 Cross Sections)
RMA IP-26	V-Ribbed Belts (H, J, K, L, and M Cross Sections)
RMA IP-27	Specifications for drive using using curvilinear toothed syncronous belts
IP-3-1	Heat Resistance & Low Temperature Properties of Power Transmission Belts (Reaffirmed 1997)
IP-3-2	Oil and Chemical Resistance of Power Transmission Belts (Revised 1997)
IP-3-4	Storage of Power Transmission Belts (Reaffirmed 1997)
IP-3-7	V-Flat Drives (Reaffirmed 1997)
IP-3-8	High Modulus V-Belts (Reaffirmed 1997)
IP-3-9	Joined V-Belts (Revised 1997)
IP-3-10	V-Belt Drives With Twist and Non-Alignment, Including Quarter Turn (Reaffirmed 1997)
IP-3-13	Mechanical Efficiency of Power Transmission Belt Drives (Reaffirmed 1997)
IP-3-14	A Drive Design Procedure for Variable Pitch Multiple V-Belt Drives (Revised 1997)

USA SAE STANDARDS

SAE J1278-1993	SI (Metric) Synchronous Belts and Pulleys
SAE J637-1995	Automotive V-Belt Drives
SAE J1313-1993	Automotive Synchronous Belt Drives
SAE J636-1997	V-Belts and Pulleys
SAE J2198-1992	Glossary Automatic Belt Tensioner
SAE J1596-1989	Automotive V-Ribbed Belt Drives and Test Methods
SAE J1459-1997	V-Ribbed Belts and Pulleys

GERMAN DIN STANDARDS

DIN 109-1	Driving Elements; Circumferential Speeds
DIN 109-2	Driving Elements; Centre Distances for V-belt Drives
DIN 111	Driving elements; Pulleys for flat transmission belts; Dimensions, nominal torsional moments
DIN 2211-1	Power transmission elements; grooved pulleys for narrow V-belts; dimensions, materials
DIN 2211-2	Power transmission elements; grooved pulleys for narrow V-belts; inspection of grooves
DIN 2211-3	Power transmission elements; grooved pulleys for narrow V-belts; assignment of pulleys to electric motors
DIN 2215	Endless V-belts - Classical V-belts - Dimensions
DIN 2216	Open Ended V-belts; Dimensions
DIN 2217-1	Driving Elements; V-belt Pulleys; Dimensions, Material
DIN 2217-2	Driving Elements; Grooved Pulleys for V-belts; Testing of Grooves
DIN 2218	Endless V-belts for Mechanical Engineering; Calculation of Drives, Power Ratings
DIN 7719-1	Endless wide V-belts for industrial speed changers; V-belts and groove profiles for corresponding pulleys
DIN 7719-2	Endless wide V-belts for industrial speed changers; measurement of centre distance variations
DIN 7721-1	Synchronous belt drives, metric pitch; synchronous belts
DIN 7721-2	Synchronous belt drives, metric pitch; tooth space profile of synchronous pulleys
DIN 7722	Endless hexagonal belts for agricultural machinery and groove sections of corresponding pulleys
DIN 7753-1	Endless narrow V-belts for mechanical engineering purposes; dimensions
DIN 7753-2	Narrow V-belts for industrial purposes; calculation of drives, power ratings
DIN 7753-3	Endless narrow V-belts for the automotive industry; dimensions of belts and pulley groove profiles
DIN 7753-4	Endless narrow V-belts for the automotive industry; fatique testing
DIN 7867	V-ribbed belts and corresponding pulleys
DIN ISO 5290	Grooved pulleys for joined narrow V-belts; groove sections 9J, 15J, 20J and 25J; identical with ISO 5290, edition 1985
DIN ISO 5294	Synchronous belt drives - Pulleys; Identical with ISO 5294:1989
DIN ISO 5296-1	Synchronous belt drives; belts; pitch codes MXL, XL, L, H, XH and XXH; metric and inch dimensions; identical with ISO 5296-1:1989
DIN ISO 5296-2	Synchronous belt drives; belts; pitch codes MXL and XXL; metric dimensions; identical with ISO 5296-2:1989
DIN ISO 7652	Road vehicles; base-mounted air compressors, single cylinder V-belt drive; mounting dimensions
DIN ISO 9010	Synchronous belt drives; automotive belts; identical with ISO 9010:1987
DIN ISO 9011	Synchronous belt drives; automotive pulleys; identical with ISO 9011:1987
DIN ISO 5288	Synchronous belt drives - Vocabulary

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We provide all kinds of transmission products, from rubber v-belts, rubber timing belts and polyurethane belts to metal transmission products. Besides, we also offer marketing solution and sales strategy for our partners.

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