



Rope Belts

for Conveyor and Roller Systems

MBL (USA) CORPORATION
Ottawa, Illinois USA

Toll Free: (877) 625-7832
mblusa.sales@mitsuboshi.com

www.mblusa.com

*STARROPE,[™]
SUPER STARROPE,[™]
V-rope, and
Hexagonal V-rope
bring unmatched
design freedom.
These polyurethane
rope belts deliver
superior abrasion
and oil resistance
with flexible,
customizable lengths
for conveyors and
live roller drives.*

Key Features

of Mitsubishi Belts for Conveyor and Roller Systems



Flexible Design

Open-end belts are easily joined using thermal welding equipment* for custom lengths and endless operation.



High Durability

Excellent abrasion and chemical resistance



Operational Stability

Consistent performance across typical industrial temperature ranges

Custom Configurations

Support multi-axis and right-angle conveyors

Belt Selection Support

Mitsubishi offers a proprietary ***Belt Design Program*** to help engineers select the perfect belt for each conveyor and roller system. Our experts can assist in optimizing belt performance for speed, load, and environmental requirements. For more information, visit www.mblusa.com/resources



*Thermal welding equipment sold independently.

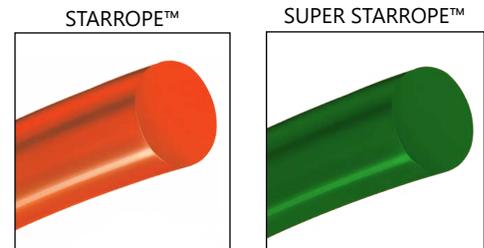
STARROPE™ & SUPER STARROPE™

Premium Polyurethane Rope Belts for Heavy Use

Designed for demanding power transmission and conveyor layouts, STARROPE™ and SUPER STARROPE™ combine high elasticity with rugged construction. The open-end construction allows belts to be fused using a compatible rope welding machine,* enabling quick, reliable installation and easy field adjustment.

Features

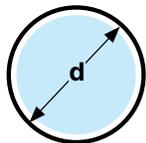
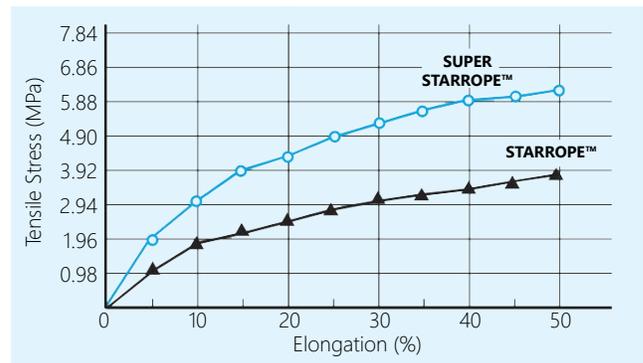
- Excellent resistance to wear, oil, and industrial contaminants
- Simple and reliable joint creation through thermal welding*
- Flexible design support for multi axial and right angle transfers
- High hardness combined with outstanding elastic performance
- SUPER STARROPE™ delivers efficient power transfer with low elongation



Physical properties

TEST	Unit	SUPER STARROPE	STARROPE
Specific gravity	—	1.22	1.22
Hardness	JIS A	92	88
5% modulus	MPa	1.96	1.18
10% modulus	MPa	3.14	1.77
100% modulus	MPa	8.83	6.28
300% modulus	MPa	14.7	10.9
Tensile strength	MPa	32.4	24.5
Elongation at rupture	%	400 or ↑	400 or ↑
Tear strength	kN/m	0.93	0.88

Tensile stress (low elongation ratio)



Belt Code	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	Ø9	Ø10	Ø12	Ø15
Diameter d (mm)	2	3	4	5	6	7	8	9	10	12	15
Length (m/roll)	200	200	200	200	100	100	100	100	100	50	50

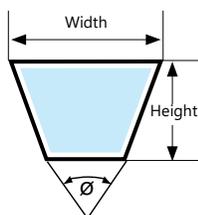
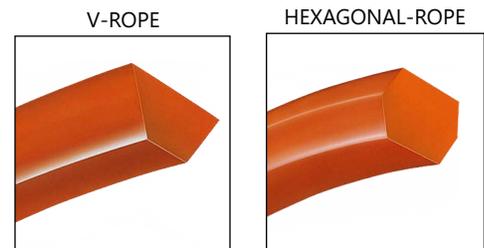
V-ROPE & HEXAGONAL V-ROPE

Precision V-Profile Belts for Drive Stability

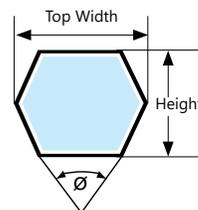
V-rope and Hexagonal V-rope provide dependable traction for conveyor and live roller drives where controlled grip and efficient power transfer are essential. Their precision profile ensures proper seating in sheaves and pulleys, reducing slip while supporting consistent drive performance.

Features

- Precision profile ensures stable seating in sheaves and pulleys
- Durable polyurethane construction supports long service life
- Custom lengths available for accurate system fit
- Suitable for light to medium duty conveying applications



V-ROPE			
Belt Section	M	A	B
Width (mm)	10.0	12.5	16.5
Height (mm)	5.5	8.5	10.5
Belt angle Ø (°)	40	40	40
Length (m/roll)	100	50	50



HEXAGONAL-ROPE		
Belt Section	AA	BB
Width (mm)	12.5	16.5
Height (mm)	10.0	12.5
Belt angle Ø (°)	40	40
Length (m/roll)	50	50



Offices & Manufacturing Locations

Japan

Kobe Head Office

4-1-21 Hamazoe-dori, Nagata-ku, Kobe 653-0024
TEL +81-78-671-5071 • FAX +81-78-685-5670

Tokyo Head Office

2-3-4 Nihonbashi Chuo-ku, Tokyo 103-0027
TEL +81-3-5202-2500 • FAX +81-3-5202-2520

Singapore

MITSUBOSHI OVERSEAS HEADQUARTERS PRIVATE LIMITED

8 Cleantech Loop #07-65, Cleantech Three 637145
TEL +65-6265-3933 • FAX +65-6261-4304
E-mail: moh_sales@mitsuboshi.com

Indonesia

PT. MITSUBOSHI BELTING INDONESIA

Jl. Industri Raya Blok D No.4, Pasir Jaya
Jatiuwung, Kota Tangerang 15135
TEL +62-21-590-2070 • FAX +62-21-590-2071

PT. SEIWA INDONESIA

JL. Lombok I, Blok M2-2, Kawasan Industri MM2100
Cikarang Barat, Bekasi 17520
TEL +62-21-898-0324 • FAX +62-21-898-0325

PT. MITSUBOSHI BELTING SALES INDONESIA

Wisma 77 Tower 1 Lantai 2, Jl. Letnan Jenderal S. Parman
Kota Jakarta Barat 11410
TEL +62-21-536-3033 • FAX +62-21-5366-0399
E-mail: mbsi.sales@mitsuboshi.com

Thailand

STARS TECHNOLOGIES INDUSTRIAL LIMITED

Eastern Seaboard Industrial Estate 64/40 Moo 4,
Tambon Pluakdaeng, Amphur Pluakdaeng, Rayong 21140
TEL +66-38-954-738 • FAX +66-38-954-740

Taiwan

MITSUBOSHI OVERSEAS HEADQUARTERS

PRIVATE LIMITED TAIWAN BRANCH
Rm.106, 10F.-3, No.51,Hengyang Rd.
Zhong zheng District,Taipei city 100, R.O.C.
TEL +886-2-8979-8280 • FAX +886-2-2313-1181

China

MBL SHANGHAI INTERNATIONAL TRADING CO., LTD.

No.369 Weining Road, Changning District, Shanghai
TEL +86-21-3257-3802 • FAX +86-21-5206-7011

SUZHOU MITSUBOSHI BELTING CO., LTD.

277 Liangang Road Suzhou New District Jiangsu 215129
TEL +86-512-6665-8880 • FAX +86-512-6665-8886

MOI TECH HONG KONG LIMITED

Unit 3, 20/F., Kowloon Plaza, 485 Castle Peak Road,
Kowloon, Hong Kong
TEL +852-2403-5978 • FAX +852-2422-8308

India

MITSUBOSHI BELTING-INDIA PRIVATE LIMITED

Plot No J-241, Supa Parner Industrial Park MIDC,
Tal - Parner, District - Ahmednagar, Maharashtra 414 301
TEL +91 2488 661300

Mumbai Sales Office

Kamdhenu 23 West, 22nd Floor, office no.2201/2202
Near Fire Emergency station, TTC Industrial Area, MIDC
Thane - Belapur Road, Koper Khairane, Navi Mumbai 400705
E-mail: mbind.customercare@mitsuboshi.com

United Arab Emirates

MITSUBOSHI BELTING MIDDLE EAST FZCO

Dubai Airport Free Zone, Building 4EB (East Side)
Unit No. 4B 145, Dubai 371104, United Arab Emirates
TEL +971-4-204-5103 • FAX +971-4-204-5105

MITSUBOSHI BELTING KOREA CO., LTD.

MBL SHANGHAI INTERNATIONAL TRADING CO., LTD.

SUZHOU MITSUBOSHI BELTING CO., LTD.

Mitsuboshi Belting Ltd.

MITSUBOSHI OVERSEAS HEADQUARTERS PRIVATE LIMITED TAIWAN BRANCH

MOI TECH HONG KONG LIMITED

MITSUBOSHI BELTING VIETNAM CO., LTD.

PT. MITSUBOSHI BELTING INDONESIA

PT. SEIWA INDONESIA

PT. MITSUBOSHI BELTING SALES INDONESIA

Vietnam

MITSUBOSHI BELTING VIETNAM CO., LTD.

Room No.1511, 15th Floor, ICON4 Tower,
No.243A De La Thanh St., Dong Da Dist, Hanoi
TEL +84-24-3760-6625 • FAX +84-24-6266-2608
E-mail: vietnamsales@mitsuboshi.com

Korea

MITSUBOSHI BELTING KOREA CO.,LTD.

93, Sejong-daero, Jung-gu, Seoul
TEL +82-70-7575-0391

USA

MBL (USA) CORPORATION

601 Dayton Road, Ottawa, Illinois 61350
TEL: +1-815-434-1282
E-mail:mblusa.sales@mitsuboshi.com
Website:www.mblusa.com

Chicago Sales & Engineering Office

1600 Golf Road, Suite 1251
Rolling Meadows, Illinois 60008

Germany

Mitsuboshi Belting Europe GmbH

Hansemannstrasse 63, 41468 Neuss
TEL +49-2131-740940 • FAX +49-2131-7409424
E-mail:Info_de@mitsuboshi.com
Website:www.mitsuboshi.de

France

Mitsuboshi Belting Europe GmbH France Branch

55 Avenue de Colmar 92500 Rueil-Malmaison
TEL +33-7-49-98-99-58
Website:https://www.mitsuboshi.de

MBL (USA) CORPORATION

601 Dayton Road • Ottawa, Illinois USA
(815) 434-1282 • Toll Free: (877) 625-7832
mblusa.sales@mitsuboshi.com

www.mblusa.com

