

**Detectable Food Contact
Timing Belts**



MEGADYNE

Metal & X-Ray Detectable Food Contact Timing Belts

The Megadyne revolution in Food Grade belts

Food Safety, First and Foremost

The most frequent request from the Food industry is that the highest possible Food Safety and hygiene standards be maintained at every stage of the production process, from primary production lines all the way through to packaging.

One of the greatest nightmares that food companies have is that their food products will be contaminated by **foreign bodies**. Fragments from broken belt elements represent a major contamination risk and that's why Megadyne developed the XMD belts, to meet this Food Safety market requirement!



The future is now

Detectable belts are efficient tools for decreasing the risk of contamination from belt fragments; they allow detector systems to **FILTER OUT ANY FOREIGN BODIES** resulting from broken belt parts and **MAKE CONTAMINATION VISIBLE** before any product leaves for the consumer market. Megadyne XMD Detectable Food Contact timing belts are the latest breakthrough trend sweeping the entire Food belting market: **get on board!**

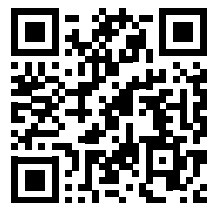
See how these belts can help your company improve the Food Safety standards!



Use detectable test cards to:

- Prove that detection is taking place
- Recognize the minimum detectable belt and cleat fragment size

Watch the video:



- Efficiency levels for detection cannot be guaranteed by Megadyne or by any OEM
- XMD FC test cards are the only tools that can prove the real-time functionality of detection systems and establish minimum detectable size.
- A number of variables involved in the detection of foreign bodies by X-Ray systems means that test cards may be less efficient

A new game changer



Belt and cleat fragments from all Megalineer XMD and Megaflex XMD belts can be spotted by metal and x-ray detectors, thanks to a special compound used in the manufacture of these timing belts and their accessories. Therefore, any Food Contact Timing Belts (open end, endless joined, and truly endless) constructed with this compound are detectable. This Food Safety feature is in addition to other special hygienic design features that include sealed edges and the use of blue as a contrast colour. Therefore, all Food Contact Timing Belts (open end, endless joined, and truly endless) constructed with this compound are detectable!

XMD METAL DETECTABLE & X-RAY

Range:

Megalinear XMD and Megaflex XMD.

Available in all standard profiles and lengths already in use for Megalineer FC, Megalineer FCM, and Megaflex FCM.

Characteristics:

- Special detectable dark blue polyurethane compound
- Standard cords: S and Z torsion Kevlar for Megalineer FC; Stainless steel for Megaflex FCM and Megalineer FCM
- Standard splice method by finger splice
- Customizable with **cleats**, made of the same detectable thermoplastic compound and applied by welding.

Features:

- Metal and X-Ray detectable thermoplastic compound for belts and cleats
- Easy switch 1:1 with existing timing belts
- Food Grade belts comply with EC 1935/2004, EU 10/2011, and FDA standards that support ISO 22000 (previously HACCP) requirements
- Working temperature -25°C/+70°C.

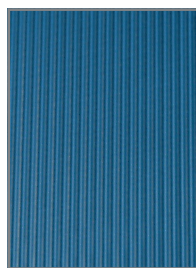
Top cover profiles - only available for Megalineer FC:



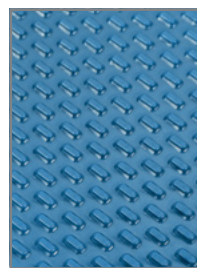
SMOOTH



LONGITUDINAL
RIBBED



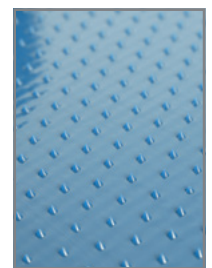
TRANSVERSAL
RIBBED



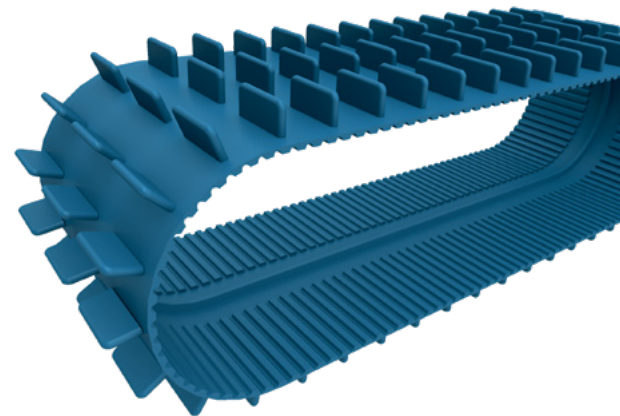
NOPPEN
OVAL



ROOF



SPIKE TOP



Enjoy the benefits!

- Increasing **Consumer Safety**
- Protecting your **brand reputation**
- Helping the Food industry **avoid expensive product recalls** that can also damage public trust
- Facilitating compliance with **ISO 22000 / HACCP**
- Working with the industry's leader and offering a **full range of XMD products** for your food processing lines



Contact us at info@megadynegroup.com

AUSTRALIA**Victoria**

Phone +61 (03) 8780 6030
 au-ptsales@ammega.com

BRASIL**Sorocaba**

Phone +55 15 2101 7700
 Info.br@megadynegroup.com

CANADA**Edmonton**

Phone +1 780 461 4400
 Info.ca@megadynegroup.com

Montreal

Phone +1 514 695 1313
 Info.ca@megadynegroup.com

Toronto

Phone +1 905 602 4400
 Info.ca@megadynegroup.com

CHINA**Foshan**

Phone +86 757 8381 5530
 info.cn@megadynegroup.com

Ningbo*

Phone +86 574 8650 5008
 info.cn@megadynegroup.com

Phone +86 574 8833 4378
 sales@challengept.com

Qingdao*

Phone +86 532 8658 0951
 info.cn@megadynegroup.com

Shanghai

Phone +86 21 5447 1473
 info.cn@megadynegroup.com

COLOMBIA**Bogotá**

Phone + 57 1 390 4325
 Info.co@megadynegroup.com

Cartagena

Phone + 57 5 693 2591
 Info.co@megadynegroup.com

Mosquera – Cundinamarca

Phone +57 1 893 9890
 info.co@megadynegroup.com

CZECH REPUBLIC**Prague**

Phone +420 603 461 892
 Info.cz@megadynegroup.com

FRANCE**Paris**

Phone +33 1 6079 8200
 info.fr@megadynegroup.com

GERMANY**Borchen**

Phone +49 5251 8735 0
 info.de@megadynegroup.com

HUNGARY**Budapest**

Phone +36 23 428 628
 info.hu@megadynegroup.com

INDIA**Chennai***

Phone +91 98841 81175
 info.in@megadynegroup.com

IRELAND**Dublin**

Phone +353 1 456 6311
 ireland@challengept.com

ISRAEL**Caesarea**

Phone +972 4 637 1485
 info.il@megadynegroup.com

ITALY**Turin***

Phone +39 011 926 8052
 info@megadynegroup.com

Pescara*

Phone +39 085 9700547
 info.it@megadynegroup.com

Venice

Phone +39 041 929 367
 info.it@megadynegroup.com

JAPAN**Nagoya**

Phone +81 52 433 7400
 info.jp@megadynegroup.com

MALAYSIA

Phone +60 380 618 849
 info.my@megadynegroup.com

MEXICO**Mexico C.P.**

Phone +52 55 5587 3680
 info.mx@megadynegroup.com

PERU**Lima**

Phone + 51 1 713 0069
 info.pe@megadynegroup.com

POLAND**Bielsko Biala**

Phone + 48 32 447 7179
 info.pl@megadynegroup.com

Bydgoszcz*

info.pl@megadynegroup.com

SINGAPORE**Singapore**

Phone +65 62739767
 Info.sg@megadynegroup.com

SOUTH AFRICA**Johannesburg**

Phone + 27 (0) 12 661 1652
 info.za@megadynegroup.com

Phone + 27 (0) 11 3976115
 sasales@challengept.com

Cape Town

Phone +27 (0)21 9820772
 info.za@megadynegroup.com

SOUTH KOREA**Gyeonggi-do**

Phone +82 314483613-7
 Info.kr@megadynegroup.com

SPAIN**Vilanova***

Phone +34 93 811 5450
 info.es@megadynegroup.com

SWEDEN**Kristianstad**

Phone +46 10 1309600
 info.se@megadynegroup.com

THAILAND**Bangkok**

Phone +66 2 902260413
 info.th@megadynegroup.com

TURKEY**Izmir**

Phone +90 232 877 07 00
 info.tr@megadynegroup.com

U.K.**Birmingham**

Phone +44 1384 215 021
 info.uk@megadynegroup.com

Wolverhampton

Phone +44 (0) 1902 866116
 uksales@challengept.com

VIETNAM

Phone +84 28 3765 6205
 info.vn@megadynegroup.com

U.S.A**California**

Phone +1 323 265 8061
 info.us@megadynegroup.com

Florida

Phone +1 813 241 4111
 info.us@megadynegroup.com

Georgia*

info.us@megadynegroup.com

Illinois

Phone +1 630 752 0600
 info.us@megadynegroup.com

New Jersey Americas HQ

Phone +1 973 227 4904
 info.us@megadynegroup.com

North Carolina*

Phone +1 704 583 5388
 info.us@megadynegroup.com

Oregon

Phone +1 503 231 7224
 info.us@megadynegroup.com

Texas

Phone +1 972 438 6992
 info.us@megadynegroup.com

*** Manufacturing locations****GENERAL CONTACT INFORMATION**

MEGADYNE
 Via S. Lucia, 114
 10075 Mathi (Torino)

Phone +39 011 926 8052
 info@megadynegroup.com

ammega.com