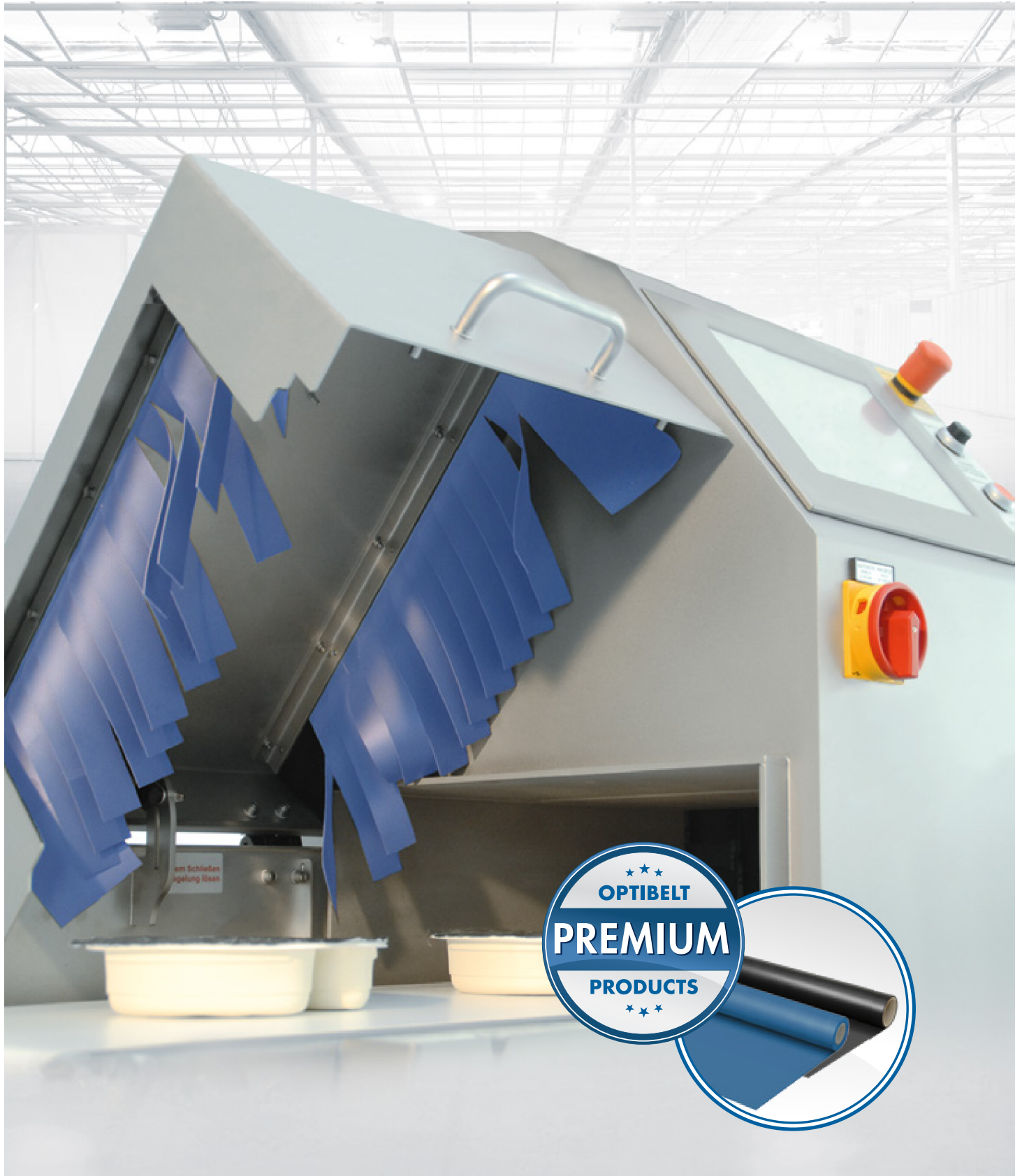




ELASTOMER SOLUTIONS X-RAY PROTECTION – FOOD



optibelt ELASTOMIT

X-RAY PROTECTION

FOOD

Safety plays a special role in the food industry. In order to meet the high demands of the food industry, Optibelt offers lead-free protective curtain materials for X-ray systems which are used, among other things, in the detection of foreign bodies in food. Some qualities are also especially suitable for contact with unpackaged goods. Our material is therefore the ideal solution to combine protection against rodents and the high demands on food safety.

optibelt ELASTOMIT-R FDA 116A

LEAD-FREE



PRODUCT SPECIFICATION	
Matrix	Rubber
Colour	Blue
Surface finish	Highly abrasion resistant top surface on both sides
Lead equivalent (standard)	0.125 mm Pb and 0.25 mm Pb
Mass per unit area	On request
Tensile strength (min.), longitudinal	8 N/mm ²
Temperature resistance	–40 °C up to +70 °C

APPLICATIONS

This product is specially designed for curtain material for X-ray inspection systems which are used in food production (packaged and unpackaged goods).

- ADVANTAGES AND CHARACTERISTICS**
- FDA compliance test according to 21 CFR 177.2600 (e) and 177.26000 (f)
 - Highly abrasion resistant top surface on both sides
 - Good temperature resistance
 - High flexibility
 - Unrivalled abrasion resistance due to extremely smooth surface
 - Chemically treated for enhanced slippage/powder-free
 - The lead equivalent is measured in accordance with DIN 61331-1 (2014) (60-100 kV)



optibelt ELASTOMIT-R FDA 115A



PRODUCT SPECIFICATION

Matrix	Rubber
Colour	Black and blue
Surface finish	Lacquered
Pb lead equivalent	From 0.125 mm Pb
Mass per unit area	min. 2000 g/m ²
Tensile strength (min.), longitudinal	60 daN / 25 mm
Temperature resistance	-40 °C up to +70 °C

APPLICATIONS

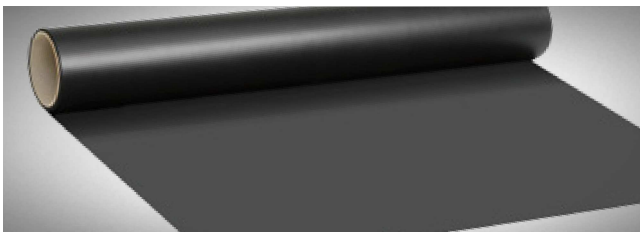
This product is specially designed for curtain material for X-ray inspection systems which are used in food production (packed goods only).

Useable in direct contact with food.

ADVANTAGES AND CHARACTERISTICS

- FDA compliance test according to 21 CFR 177.2600 (e) and 177.2600 (f)
- Good temperature resistance
- High flexibility
- High abrasion resistance through extremely smooth surface
- Synthetic fabric layer in the middle of the sheet

optibelt ELASTOMIT-R BFR 121A



PRODUCT SPECIFICATION

Matrix	Rubber
Colour	Black
Surface finish	Lacquered
Pb lead equivalent	From 0.125 mm Pb
Mass per unit area	On request
Tensile strength (min.), longitudinal	60 daN / 25 mm
Temperature resistance	-40 °C up to +70 °C

APPLICATIONS

This product is specially designed for curtain material for X-ray inspection systems which are used in food production (packed and unpacked goods).

Useable in direct contact with food.

ADVANTAGES AND CHARACTERISTICS

- EU compliance in accordance with regulation (EC) 1935/2004
- High flexibility
- High abrasion resistance through extremely smooth surface
- Good temperature resistance
- Painted on both sides
- Synthetic fabric layer in the middle of the sheet

optibelt ELASTOMIT-R BFR 122A

LEAD-FREE



PRODUCT SPECIFICATION

Matrix	Rubber
Colour	Blue
Surface finish	Highly abrasion resistant top surface on both sides
Lead equivalent (standard)	0.125 mm Pb and 0.25 mm Pb 0.125 mm Pb: min. 2500 g/m ²
Mass per unit area	0.25 mm Pb: min. 4200 g/m ²
Tensile strength (min.), longitudinal	8 N/mm ²
Temperature resistance	-40 °C to +70 °C

APPLICATIONS

This product is specially designed for curtain material for X-ray inspection systems which are used in food production (unpackaged goods). Through the use of high-purity raw materials, the **optibelt ELASTOMIT-R BFR 122A** meets the stringent requirements of EU regulation (EC) 1935/2004. Accordingly, this product is suitable for direct contact with food.

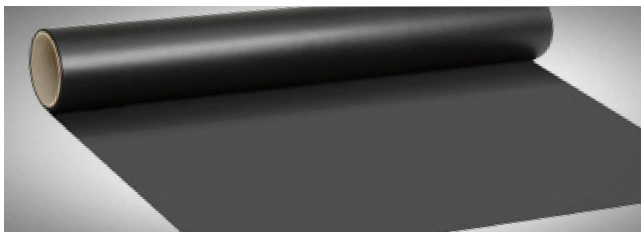
ADVANTAGES AND CHARACTERISTICS

- EU compliance in accordance with regulation (EC) 1935/2004
- FDA compliance test according to 21 CFR 177.2600 (e) and 177.26000 (f)
- High abrasion resistance through a rubber top surface on both sides
- High flexibility
- Good temperature resistance
- The lead equivalent is measured in accordance with DIN 61331-1 (2014) (60-150 kV)

COMING SOON

optibelt ELASTOMIT-R 1432170

LEADED



PRODUCT SPECIFICATION

Matrix	Rubber
Colour	Black
Surface finish	Lead-free rubber top surface
Lead equivalent (standard)	0.125 mm Pb und 0.25 mm Pb
Mass per unit area	On request
Tensile strength (min.), longitudinal	8 N/mm ²
Temperature resistance	-40 °C up to +70 °C

APPLICATIONS

This product is specially designed for curtain material for X-ray inspection systems which are used in food production (packaged goods).

ADVANTAGES AND CHARACTERISTICS

- Excellent flexibility
- Good dynamic load in combination with a remarkable tensile strength
- High abrasion resistance
- Good slippage
- Lead rubber core with lead-free rubber top surface on both sides

TOP QUALITY FOR MAXIMUM SAFETY

optibelt ELASTOMIT-R products for X-ray protection in the food industry are distinguished by their excellent flexibility, abrasion resistance and slippage.

Thanks to our **BFR and FDA certification**, our curtain material is suitable for contact with both packaged and unpackaged food. Our products have also been tested for resistance to various cleaning agents and chemicals in a variety of tests.

