



ELASTOMER SOLUTIONS

X-RAY PROTECTION – BAGGAGE & CARGO



optibelt ELASTOMIT-R 1403038A

WITH FABRIC LAYER IN THE MIDDLE OF THE SHEET



APPLICATIONS

This X-ray protection sheet is specially designed for the shielding of X-rays in X-ray inspection systems which are used for freight goods and luggage.

ADVANTAGES AND CHARACTERISTICS

- Excellent flexibility
- Good dynamic load in combination with a remarkable tensile strength
- High abrasion resistance
- Good slippage
- Lead rubber core with fabric layer in the middle of the sheet and rubber top surface on both sides
- On customer request, a special surface treatment (version C) can be used to achieve increased slippage

PRODUCT SPECIFICATION

Matrix	NR/BR (natural rubber/ butadiene rubber)
Colour	Black
Surface finish	lead free, abrasion resistant rubber surface on both sides
Lead equivalent	from 0.25 mm Pb
Mass per unit area	min. 4280 g/m ²
Tensile strength (min.), longitudinal	75 daN/50 mm
Temperature resistance	- 40°C up to +70°C

COMPREHENSIVE SERVICE FROM THE OPTIBELT TEAM



100% QUALITY CONTROL FOR YOUR SAFETY

All **optibelt ELASTOMIT** X-ray protection qualities (without fabric) – with a Pb lead equivalent of up to 0.35 mm Pb – are additionally checked for flaws using a Hi-Scan X-ray tunnel machine. In this way Optibelt guarantee a maximum of radiation safety.



TECHNICAL SUPPORT

To ensure that all X-ray inspection systems always work reliably, Optibelt offers comprehensive service throughout the world for **optibelt ELASTOMIT** X-ray protection films. The wide product range consists with fabric inserts and layers, and with different top surfaces.



CUSTOM-MADE BY OPTIBELT

Developing, manufacturing and sales of high-quality elastomer sheeting are all in one hand at Optibelt. Optibelt offers customized high performance products for all applications: Custom-made products exactly to customers' requirements. Optibelt's engineers develop customized X-ray protection solutions for more efficiency and safety. Contact us!

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