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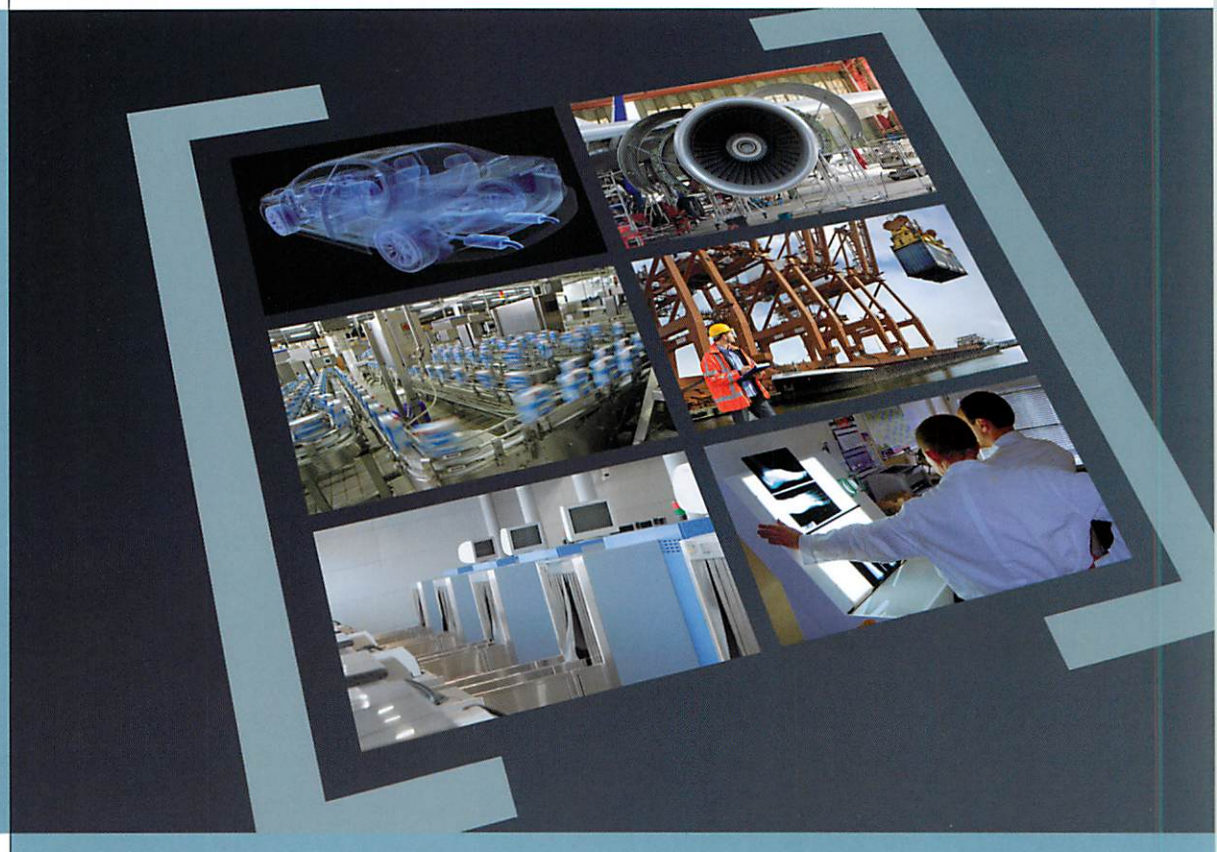

X-READY

The self-adhesive lead sheet for
noise insulation and radiation protection
for industrial applications

X-READY

DIN EN ISO 9001:2008
DIN EN ISO 14001:2004

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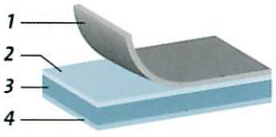
X-READY – The Innovation For Noise Insulation And Radiation Protection

Product Structure



1 Sheeting

2 Adhesive
Base material: acrylate dispersion

Layer thickness:
120 µm (without sheeting)

Temperature resistance:
from - 30 °C to 160 °C

Processing temperature:
10 - 25 °C; adhesive strength remains stable from -40 to 100 °C; also temporarily up to 200 °C

Minimum durability:
approx. 24 months at a room temperature of 15 - 25 °C and a humidity of max. 50 % in original package

3 Lead Sheet
Base material: Pb 99,94 Cu acc. to DIN EN 17640

4 Finishing
(only with X-READY VENUS T120)

Standard Dimensions

0.5	x	1,000	x	10,000 mm
1.0	x	1,000	x	5,000 mm
1.5	x	1,000	x	2,500 mm
2.0	x	1,000	x	2,500 mm

Other dimensions, geometrical shapes or flat materials as well as other surface coatings on request.

Thickness tolerance: 0/+0.05 mm

Other tolerances acc. to DIN ISO 2768 m

Further information on www.x-ready.de

New For Industrial Applications

X-READY, the self-adhesive lead sheet for noise insulation and radiation protection. Simple to use, flexible in its application, the X-READY-product program offers efficient solutions for industrial applications, because X-READY is pure lead from the roll, equipped with self-adhesion. The radiation-resistant adhesive steps on several surfaces, on bulges and curves and offers perfect isolation for many industrial applications.

The four different material thicknesses of 0.5mm up to 2mm afford a flexible scaling of the necessary efficiency also in sandwich method, suited to individual application.

X-READY is an innovation of the Röhr + Stolberg company, the leading lead semi-finished manufacturer in Europe. Our technical data sheet is available to you for further and detailed information.

Advantages At A Glance

- Use without any problems and quick processing through self-adhesive coating
- Simple adjustment even in complex room conditions
- Adhesion even on rough surfaces
- Radiation resistant adhesive
- Higher sheeting thickness through multiple pasting is possible
- Obtainable in two different surfaces
- To secure radiation protection the production of the material thickness is only effected in the plus tolerance

Area For Application

- Electrical engineering
- Research and development
- Generators
- Food control
- Laboratory appliances
- Aerospace
- Medical technology
- Nuclear technology
- Commercial vehicles
- Quality assurance
- X-Ray Detection Systems
- X-Ray Inspection Systems
- Non Destructive Testing

X-READY is obtainable in two surfaces: optional in classical natural surface or for additional hygienic protection: surface coated fully in anthracite grey (RAL 7016).

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X-READY TECHNICAL PRODUCT DATA SHEET X-READY T080

X-READY T080 is the new innovative product of the Röhr + Stolberg company. It is an unilaterally self-sticking lead sheet. This product offers a whole variety of advantages and meets its usage in particular in the fields of radiation- and acoustic protection. In addition, it can be used for weight optimization of components.

GENERAL INFORMATION		X-READY T080	
		X-READY NATUR T080	X-READY COLOR T080
PRODUCT	basic materials	Pb 99,94 Cu according to DIN EN 17640	
	dimensions	Standard sizes : 0,5 x 1.000 x 10.000 mm 1,0 x 1.000 x 5.000 mm 1,5 x 1.000 x 2.500 mm 2,0 x 1.000 x 2.500 mm Other formats or parts can be produced in terms of plan merchandise or in stamped form according to customer drawing.	
	tolerances	Thickness tolerance: 0/+0,05 mm Other tolerances according to DIN ISO 2768 m	
	surface	untreated surface	Anthracite grey RAL 7016[1]
ADHESIVE	basic materials	modified acrylate	
	thickness	80 µm (without masking)	
	processing temperature	10 – 25 degrees; bond strength of -40 will remain stable up to 100 degrees; short terms up to 200 degrees	
	temperature resistance	- 30 degrees to160 degrees	
	expiration	About 24 months at a room temperature of 15-25 degrees and a humidity of max. 50% in original packaging	
MASKING	basic materials	Polyethylene – coated paper backing on both sides siliconized	
	thickness	75 µm	

[1] other colors on request

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MORE INFORMATION[2]		X-READY T080	
		X-READY NATURAL T080	X-READY COLOR T080
TENSILE STRENGTH (STEEL/ADHESIVE/ LEAD)	non-irradiated	~ 153,0 N/cm²	~ 153,0 N/cm²
	irradiated (at max. 1.5 Megagray)	~ 40,9 N/cm²	~ 40,9 N/cm²
TENSILE STRENGTH OF SAME NATURE IN THE COMPOSITE SURFACE	non-irradiated	~ 153,0 N/cm²	~ 58,6 N/cm²
	irradiated (at max. 1.5 Megagray)	~ 40,9 N/cm²	~ 29,9 N/cm²
	sandwich structure	NATURAL/NATURAL	COLOR/COLOR
ADHESIVE PEEL FORCE (180 DEGREES ACCORDING TO AFERA 5001)[3]	on steel	~ 34,0 N/25mm	~ 34,0 N/25mm
	on aluminum	~ 30,0 N/25mm	~ 30,0 N/25mm
	on PP	~ 26,0 N/25mm	~ 26,0 N/25mm
	on PE	~ 15,0 N/25mm	~ 15,0 N/25mm

Important note: The information represents our current experience and it is not necessary in specifications. The installation of our product is only allowed on solvent-materials. Please ensure before using our product, whether it is suitable also in view of possible applicational influences for the purpose intended by you. All questions of warranty and liability for the product are governed by our valid sales conditions, unless statutory provisions provide otherwise.

[2] Röhr + Stolberg GmbH, updated November 2009
[3] According to note of manufacturer