XRC635 Series Adhesive-lined Leaded Vinyl

Description

Leaded x-ray protective material with Pressure Sensitive Adhesive backing. General purpose use for x-ray cabinets, medical and general NDT radiation shielding. Lead-free vinyl skin for safer handling and improved strength.

Product Features

High-strength Pressure Sensitive Adhesive backing with coated liner.
Flexible vinyl composite shielding material.
Lead-free product contact surface for improved handling & service life.

Shielding Properties

SKU XRC635-	VBK250	VBK350	VBK500	VBK001
Lead Equiv.	0.25 mmPb	0.35 mmPb	0.50 mmPb	1.00 mmPb
Color	Black	Black	Black	Black
Thickness	1.4 mm	1.8 mm	2.3 mm	3.8 mm
Weight	4.2 kg/m^2	5.7 kg/m^2	7.9 kg/m^2	14 kg/m^2
Tensile Strength	6.0 MPa	5.0 MPa	3.9 MPa	3.1 MPa

Adhesive Properties

Special acrylic adhesive with excellent chemical resistance and bond strength even at elevated temperatures.

Long Term Temperature Resistance -40 °C to 120 °C

Bonds well to a wide variety of plastics, powder coatings and metals.

Peel Adhesion by ASTM D3330
- 16.4 N/cm   Stainless Steel
- 15.8 N/cm   Painted Metal
- 9.3 N/cm   ABS
- 9.8 N/cm   Polyvinyl chloride (PVC)
- 10.0 N/cm   Aluminum

Disclaimer

The information in the Technical Data Sheet is a result of many years of experience. The details of the product are general statement and the suitability of the material for specific application is subject to tests on such applications.

The performance of the sheeting when in contact with acids, alkalis and other chemicals may depend on the concentrations and temperatures involved. Performance of practical tests may be necessary. Applications where the material is subject to temperature extremes should be checked by practical tests.

Some variations to the physical data given in the Data Sheet are possible. Refer to our "Terms & Conditions of Sale" concerning liability, available on our webstore at https://www.xraycurtains.com/pages/terms-of-sale.

Manufacturer

Intech Partners LLC

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Please contact us for any questions regarding the details of this product.