

XRC401 Series Adhesive-lined Lead-free Rubber

Description | Lead-free x-ray protective material with Pressure Sensitive Adhesive backing. General purpose use for x-ray cabinets, medical and general NDT radiation shielding. Peel & stick for fast & simple application in almost any environment.

Product Features | **High-strength Pressure Sensitive Adhesive backing with coated liner. Flexible lead-free composite shielding material certified to 120 kVp. ROHS Compliant, with no prohibited metals.**

SKU	XRC401-	RNB125	RNB250	RNB350	RNB500
Lead Equiv.		0.125 mmPb	0.25 mmPb	0.35 mmPb	0.50 mmPb
Color		Brown	Brown	Brown	Brown
Thickness		0.6 mm	1.0 mm	1.4 mm	2.0 mm
Weight		1.5 kg/m ²	3.0 kg/m ²	4.2 kg/m ²	6.0 kg/m ²
Tensile Strength		4.0 MPa	5.0 MPa	6.0 MPa	8.0 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

Lead-Free Certification | This product is compliant with Directive 2011/65/EU of the European Parliament and the Council of 8 June 2011 for Restrictions of Hazardous Substances (RoHS) and that the maximum concentration values by weight for lead, hexavalent chromium, cadmium, mercury, polybrominated biphenyls and polybrominated diphenylethers are in compliance.

Disclaimer | 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.

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

Rev 2021-01

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