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Lead Foil Discs

Specification

Description	Value	ASTM Test Method
Film thickness	4.7 Mil (0.12 mm)	D-3652
Adhesive thickness	2.0 Mil (0.05 mm)	D-3652
Total thickness	6.8 Mil (0.17 mm)	D-3652
Color	Grey	
Adhesive	Rubber	
Elongation at break	12%	D-3759
Tensile strength	20lb / inch (350N / 100mm)	D-3759
Adhesion to steel	45 oz / inch (49N / 100mm)	D-3330
Temperature range	-60°F to 225°F (-51°C to 106°C)	
Storage conditions	Keep in dry conditions	
Tolerances	Discs can be cut to $\pm 0.005"$ ($\pm 0.127\text{mm}$)	

General Description

These discs are provided in a range of metric and imperial sizes. Discs are provided on a liner, which is wound on a core. The tape that the discs are made from is electrically conductive, Acid resistant, Malleable, has a high density and has X-ray opacity. Discs or die cuts will appear as dark areas on X-ray film, providing a marker to help locate defects. It is recommended that a burnishing tool be used when positioning the disc, to ensure good contact between the tape and the surface.

Recommended for

Chrome plating, Cadmium plating and Nickel plating.

Availability

In addition to these discs, Lead Foil tape is available in roll form in a range of imperial and metric widths. It is also available as pre-cut, rectangles, squares, and donuts. Lead Foil tape is also available as die cut shapes.

Storage Conditions

Items should be stored in dry conditions at an ambient temperature of between 55°F (13°C) and 85°F (30°C). It is important to rotate stock and use the product in the order that it is received. Rolls of discs or die cuts should be stored on end.