

## ITW MAZEL RADISHIELD POLYURETHANE



### ORDERING INFORMATION

	<u>Stock No.</u> 93000	<u>Unit Size</u> 915 x 305 x 9.5mm (other size made to order)
Description	ITW Mazel Radishield Polyurethane version is a patented totally encapsulated shielding system for use in the nuclear, defence and NDT industries.  Available in standard or custom sizes, Radishield provides a method of radiation protection for many different shielding situations.	
Features	<ul style="list-style-type: none"> <li>• Flexible - can be bent into awkward shaped areas</li> <li>• Easily cleaned means Radishield can be easily reused.</li> <li>• Encased and hermetically sealed means there are no sharp edges.</li> <li>• Completed protection is guaranteed by the fact the shielding material cannot slip to the bottom as with conventional PVC bags</li> <li>• Temperature resistant to 50C</li> <li>• Available in bespoke sizes and flat shapes</li> <li>• Economical</li> </ul>	

### PRODUCT DATA

Typical	Size (other sizes/profiles/thicknesses to order)	915 x 305 x 9.5mm		
	Weight (Approx)	11.3 kg		
	Max Temperature	50°C		
	Lead Equivalent (standard sheet)	3.3mm		
Shielding Characteristics	Typical values			
	<b>Attenuation</b>	<b>Cobalt 60</b> 1.25 MeV	<b>Caesium 137</b> 0.662 MeV	<b>Iridium 192</b> 0.38 MeV
	Standards Sheet	20%	31%	50%
Chemical Content	Outer laminate			
	<b>Chlorine</b>	<b>Fluorine</b>	<b>Sulphur</b>	
	53.0 mg/kg	<10.0 mg/kg	312.0 mg/kg	
Precaution	For complete safety and handling information, please refer to the appropriate Material Safety Data Sheets prior to using this product.			
Warranty	ITW Mazel will replace any material found to be defective. As the storage, handling and application of this material is beyond our control we can accept no liability for the results obtained.			
Disclaimer	<p>All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Mazel makes no representations or warranties of any kind concerning this data.</p> <p>For product information visit <a href="http://www.itw-mazel.co.uk">www.itw-mazel.co.uk</a> alternatively for technical assistance please call +44 (0) 870 458 7388</p>			