

## ITW MAZEL RADISHIELD SILICONE



### ORDERING INFORMATION

	<u>Stock No.</u> 93050	<u>Unit Size</u> 915 x 305 x 9.5 mm Other size made to order
Description	ITW Mazel Radishield (Silicone version) is a patented totally encapsulated shielding system for use in the nuclear, defence and NDT industries.  Available in standard or custom sizes and moulded shapes, 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>• Low in chlorine, fluorine and sulphur for use in contact with stainless steel.</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>• Resistant to high temperatures</li> <li>• Available in bespoke moulded shapes</li> </ul>	

### PRODUCT DATA

Typical	Size (Other sizes/profiles/thicknesses to order)		915 x 305 x 9.5mm	
	Weight (Approx)		10.8 kg	
	Max Temperature		-85 to 200°C	
Shielding Characteristics	Typical values			
	Attenuation	<b>Cobalt 60</b> 1.25 MeV	<b>Caesium 137</b> 0.662 MeV	<b>Iridium 192</b> 0.38 MeV
	Standard Sheet	20% (3.3 mm Pb)	31% (3.3 mm Pb)	50% (3.3 mm Pb)
	Pipewrap 20mm thick	37% (6.4 mm Pb)	55% (5.5 mm Pb)	72% (5.5 mm Pb)
	Pipewrap 40mm thick	60% (10.5 mm Pb)	80% (8.0 mm Pb)	83% (8.0 mm Pb)
Chemical Content	Outer laminate			
	<b>Chlorine</b>	<b>Fluorine</b>	<b>Sulphur</b>	
	24.0 mg/kg	67.0 mg/kg	73.0 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	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.  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			