



## **RADISHIELD (Polyurethane version)**

### **PRODUCT DATA SHEET**

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**

- Flexible – can be bent into awkward shaped areas
- Easily cleaned means Radishield can be easily reused.
- Encased and hermetically sealed means there are no sharp edges.
- Completed protection is guaranteed by the fact the shielding material cannot slip to the bottom as with conventional PVC bags
- Temperature resistant to 50°C
- Available in bespoke sizes and flat shapes
- Economical

### **PRODUCT DATA: (TYPICAL)**

SIZE (Other sizes / profiles / thicknesses to order)	305 x 915 x 9.5 mm
WEIGHT	11.3 kg (approx)
LEAD EQUIVALENT (standard sheet)	3.3 mm
TEMPERATURE (max)	50 °C



## **SHIELDING CHARACTERISTICS**

### **(Typical values)**

Attenuation	Cobalt 60 1.25 MeV	Caesium137 0.662 MeV	Iridium192 0.38 MeV
Standard sheet	20 % (3.3 mm Pb)	31 % (3.3 mm Pb)	50 % (3.3 mm Pb)

## **CHEMICAL CONTENT**

### **(Outer laminate)**

	Chlorine	Fluorine	Sulphur
mg/kg	53.0	< 10.0	312.0

## **ORDERING INFORMATION:**

### **Article No.**

11-00075 Radishield Polyurethane 305 x 915 x 9.5mm (Other sizes to order)

Disclaimer: All information on this data sheet is based on laboratory testing and is not intended for design purposes. IT-Service makes no representations or warranties of any kind concerning this data.