

# ULTRA SOFT CONDUCTIVE RUBBER 5200

Very soft conductive Rubber for medical, military and automotive industries, where less closure force is required



Standard electrically conductive rubbers are generally not soft enough. As a result, a lot of tension is placed on the seal when tightening the housing or the lid.

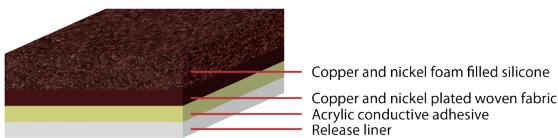
For applications where no extreme force is allowed, we have developed ultra-soft conductive rubber.

The material is used in medical, military and automotive industries and even in commercial products requiring EMI suppression, grounding, or static discharge. It is very suitable for applications where an environmental or watertight seal is required and less closure force is required.

The 5200 ultra soft conductive rubber can be ordered in different thicknesses. We apply several layers of the rubber to get the right thickness.

Standard thickness of the 5200 are **1.0, 1.5, 2.0, 2.2, 3.0, 3.5** and **5.0**mm.

## PRODUCT BUILD-UP



## SPECIFICATIONS

- Shore: A 20
- Colour: dark red
- Surface resistance: 3.7  $\Omega$ /sq
- Temperatures up to 220 °C
- High shielding performance
- Water sealing up to 10 meters
- Pressure resistant
- Salt spray/chemical resistant
- Supplied as sheets, strips or die-cuts
- Max compression rate 20%

## APPLICATIONS

- Conductive seal for medical or military devices
- Pressure sensitive sensors
- Watertight seal between housing and lid with less closure force

## CUSTOM SHAPE/SIZE

Ultra soft conductive rubber can be cut very precise according your CAD drawing. To make an quotation, we ask you to send a drawing with the desired specifications to [info@hollandshielding.com](mailto:info@hollandshielding.com) or use the form below to submit your drawing.

## ORDER EXAMPLE

Series	Thickness (mm)	Width (mm)
5200	<ul style="list-style-type: none"> <li>1 : 1mm thick</li> <li>1.5 : 1.5mm thick</li> <li>2 : 2mm thick</li> <li>2.2 : 2.2mm thick</li> <li>3.5 : 3.5mm thick</li> <li>5 : 5mm thick</li> <li>Other : On request</li> </ul>	Specify the width in mm. Max. 970mm
		Length (mm)
		Specify the length in mm. Max. 1000mm. Other length on request