

## Ultra soft conductive rubber



### 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, 3.4** and **5.0 mm**.

Thicknesses of 10, 12, 14, 15, 16, 18, 20, 25, 30, 35, 40, 50, 60, 75 mm available with re-enforcements in the middle. Other thicknesses on request

### Custom shape/size

Ultra-soft conductive rubber can be cut very precisely according to your CAD drawing. To make a 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.



### Specifications

## Ultra soft conductive rubber

- 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
- A watertight seal between housing and lid with less closure force

Partnumber / Ordercode:

5200	XXX	XXX	XXX
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5200	1.5		
1 : 1 mm		Specify the width in mm. Max. 970 mm	Specify the length in mm. Max. 1000 mm. Other length on request
1.5 : 1.5 mm			
2 : 2 mm			
2.2 : 2.2 mm			
3.0 : 3.0 mm			
3.4 : 3.4 mm			
5 : 5 mm			
Other : Please fill in the desired thickness			

\* Note: The red blocks are required

Sample of Partnumber:

5200	1,5	7	10 mm
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