


## DATA SHEET INFORMATION

### 1. PRODUCT IDENTIFICATION

Product code	Product name	Dimension (width x length x thickness)	Photo	Colour
P0500-2	Detectable silicone rubber	1.0mm x 2m x 1m		2
P0366-2		1.5mm x 2m x 1m		
P0501-2		2.0mm x 2m x 1m		
P0214-2		3.0mm x 2m x 1m		
P0502-2		4.0mm x 2m x 1m		
P0503-2		5.0mm x 2m x 1m		
P0504-2		6.0mm x 2m x 1m		

### 2. PROPERTIES

#### a) Material: solid silicone elastomer

Ingredient name	CAS No.
Ground Quartz (SiO <sub>2</sub> )	14808-60-7
Di-(2,4-dichlorobenzoyl) peroxide	133-14-2
Magnetic Black Pigment	7439-89-6

b) **Storage:** Store at ambient temperature and atmospheric pressure in a dry environment. The product should be kept out of direct sunlight (preferably in the dark). The product should be retained in its original packaging.

#### c) Mechanical properties

PROPERTY	UNITS	TYPICAL VALUE	TEST METHOD
Hardness	Shore A	68,7	ASTM D2240 DIN ISO 7619-1
Tensile strength	MPa	8,42	ISO 37 type 1
Elongation to failure	%	327	ISO 37 type 1
Tear strenght	N/mm	19,1	ASTM D624 B
Magnetic pull	mm	7,3	SEWI 700
Temperature range	°C	-60 do 200	

d) **Environment Resistance:** silicone rubber products have an excellent resistance to ozone, oxidation, ultraviolet light, corona discharge, cosmic radiation, ionizing radiation and weathering in general.

#### e) Regulation information

##### European Community (EC):

Products contain only ingredients that are listed by Directive EC 1935/2004.

##### American Food and Drugs Administration (FDA):

Products contain only ingredients that are listed by American Food and Drugs Administration (FDA) under the 21 CFR number 177-2600

### 3. OTHER INFORMATION

PROHACCP Company informs that our metal detectable products have magnetic characteristics and can be detected by standard metal detection systems. However due to settings of different metal detection systems, PROHACCP Sp. z o. o. can't guarantee that our products will be detected by your metal detectors. Therefore we can't take responsibility for any non-detection of our products or their parts. Detectability of our products depends on metal detector settings, and type of food products produced (product composition, size, humidity etc). In order to make sure that our metal detectable products will be detected we strongly recommend that you test it on your metal detectors before you use it.

Kielce, September 25, 2023

On behalf of PROHACCP Sp. z o. o.

*Edyta Kowalczyk*

Quality Manager