

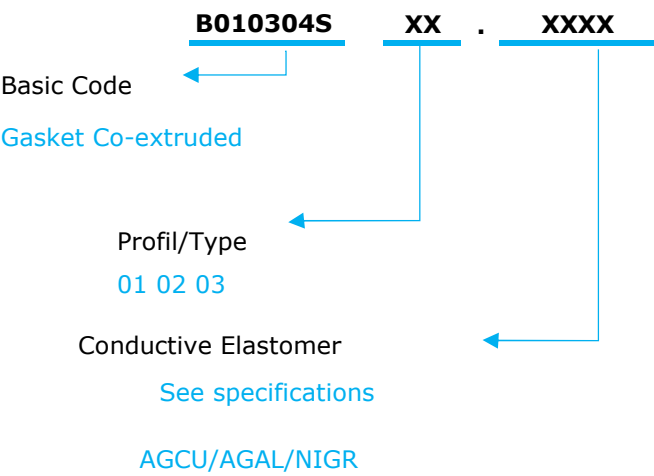
This range of products we call Joint bi material Co extruded, are profiled joints that consist of a conductive joint on one side and non-conductive on the other. We produce them in simple extrusion and offer a very good shielding protection also against environmental influences. We produce not far from a dozen profiles with different conductive layers as well as flurosilicone in need of resistance against fluids.



Specific properties

Features		Units	Values			Remarks
Description			AGCU	NIGR	AGAL	Test Method
Color		/	Natural Blue			Visual
Hardness		Shore A	75 +/- 5	70 +/- 5	75 +/- 5	DIN 53505
Composition of the inner material			Silicone			
Density		g/cm3	3.5	3.5	2.1	DIN 53479 A
Elongation		Min/Max	100/300%	100/300%	100%/200%	ASTM D792
Compression test		%	< 30%	25%	< 30%	ASTM D395
maximum temperature		°C	125	150	160	-
Minimal temperature		°C	-60	+45	-55	-
tensile strength		Mpa	1.38	> 1.5	> 2.0	DIN 53479
Volume resistivity		Ohm - cm	> 0.004	< 0.1	< 0.008	MIL-DTL-83528
Indice d'inflammibilité		-	HB			UL94
Halogen-free		-	Oui			-
tearing strength		N/mm2	7.0	6.2	5.3	DIN 53504-S1
Shielding efficiency (dB)						
Shielding efficiency 200 KHz - 10 GHz (dB)	200 KHZ (H-FIELD)		120	95	115	GIE 6190-2008
	100 MHz (E-FIELD)		120	115	110	
	500 MHz (E-FIELD)		120	110	115	
	2 Ghz (Plane Wave)		120	100	105	
	10 GHz (Plane Wave)		115	100	100	

 Codifications

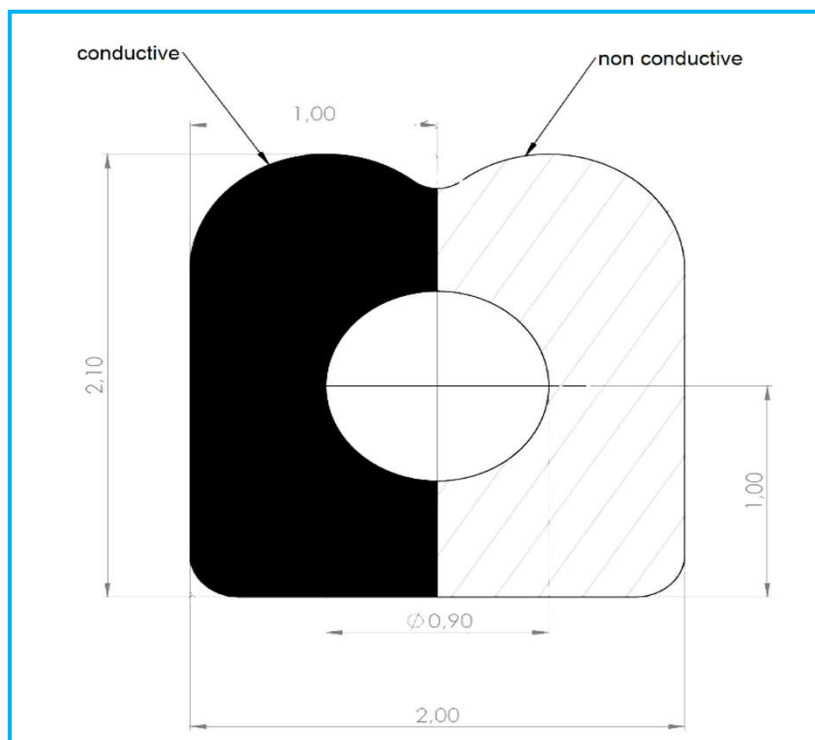


 Shapes and dimensions: Table of contents

● Profile 01		3
● Profile 02		3
● Profile 03		4
● Profile 04		4
● Profile 05		5
● Profile 06		5
● Profile 07		6

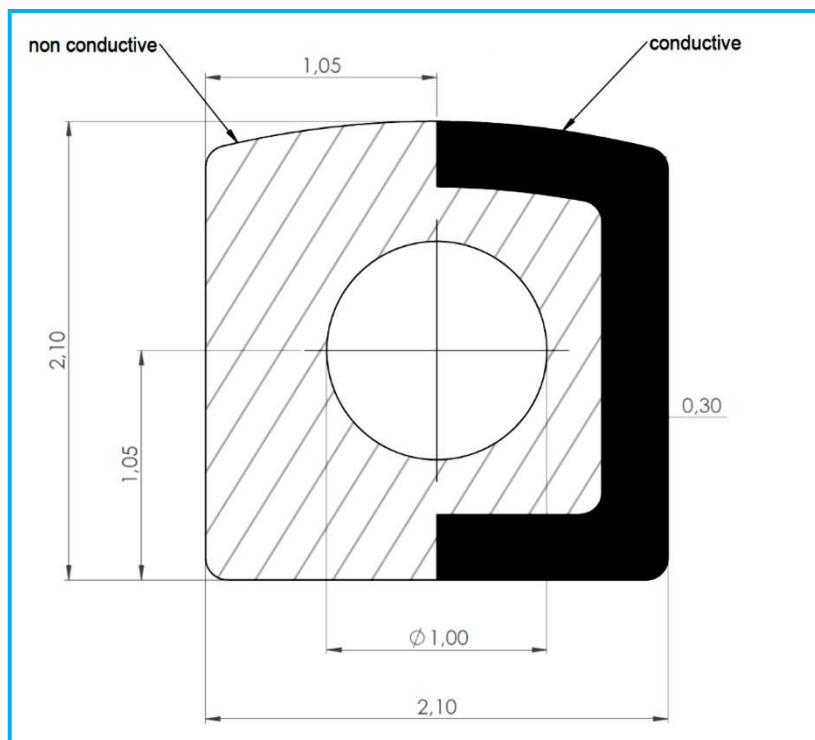
Profil 01

B010304S01.XXXX



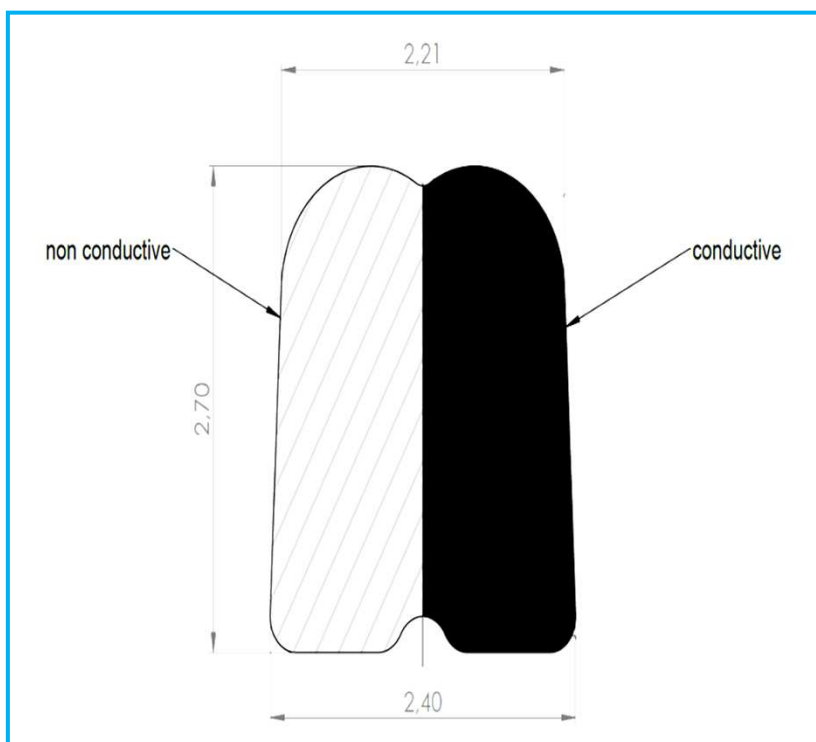
Profil 02

B010304S02.XXXX



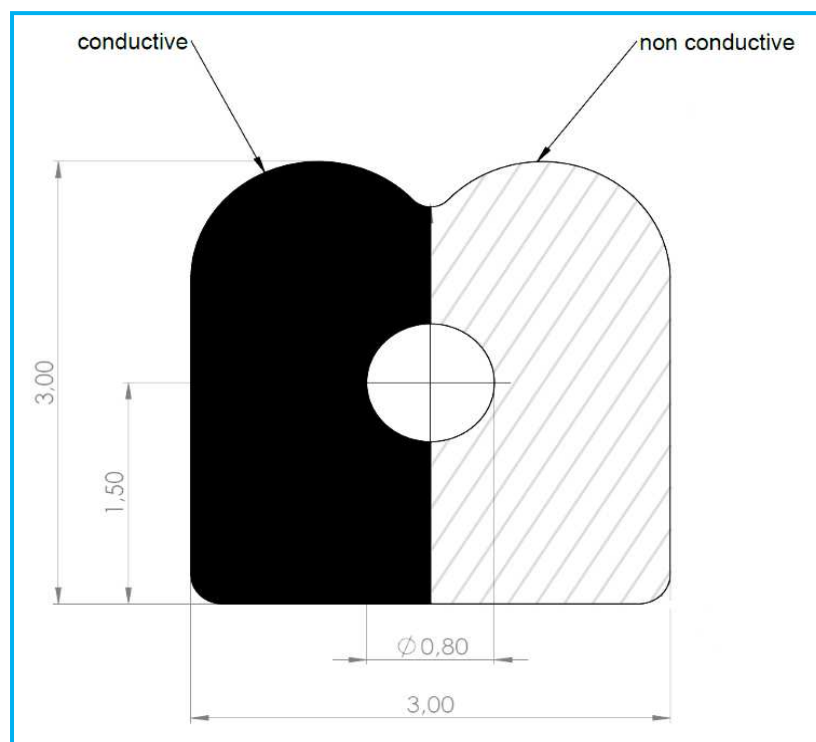
+ Profil 03

B010304S03.XXXX



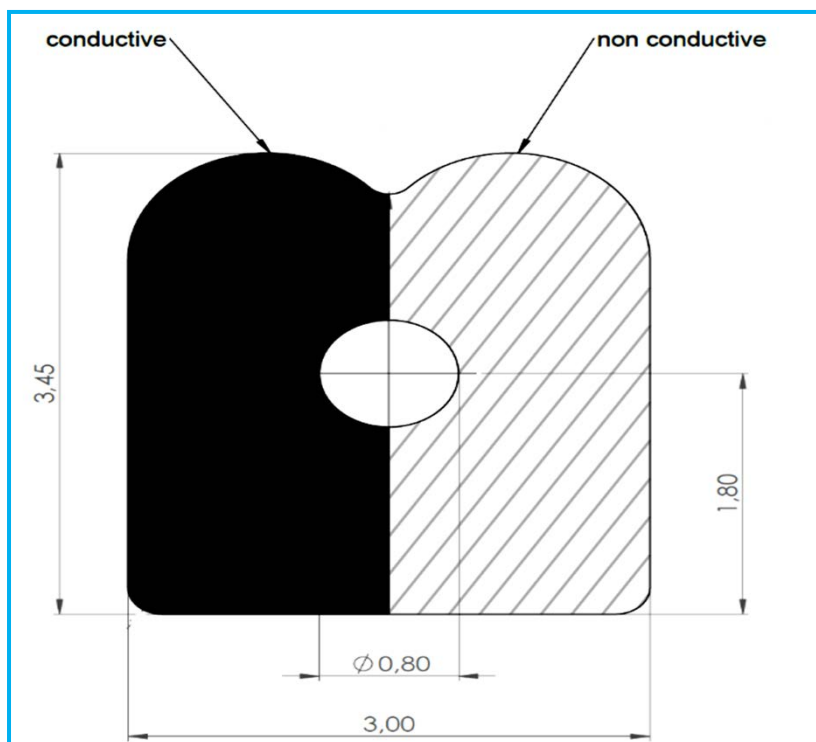
+ Profil 04

B010304S04.XXXX



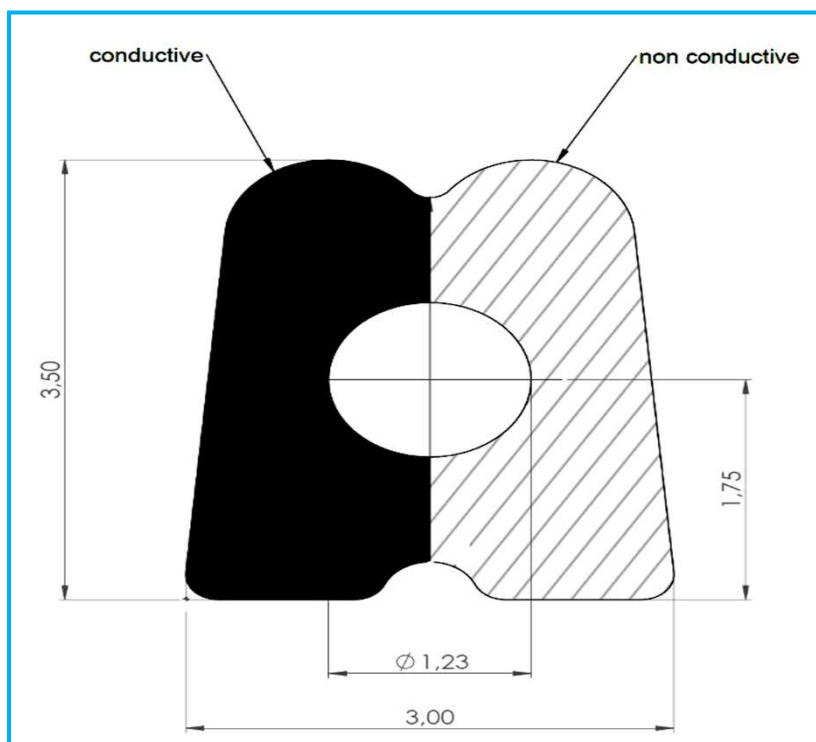
+ Profil 05

B010304S05.XXXX



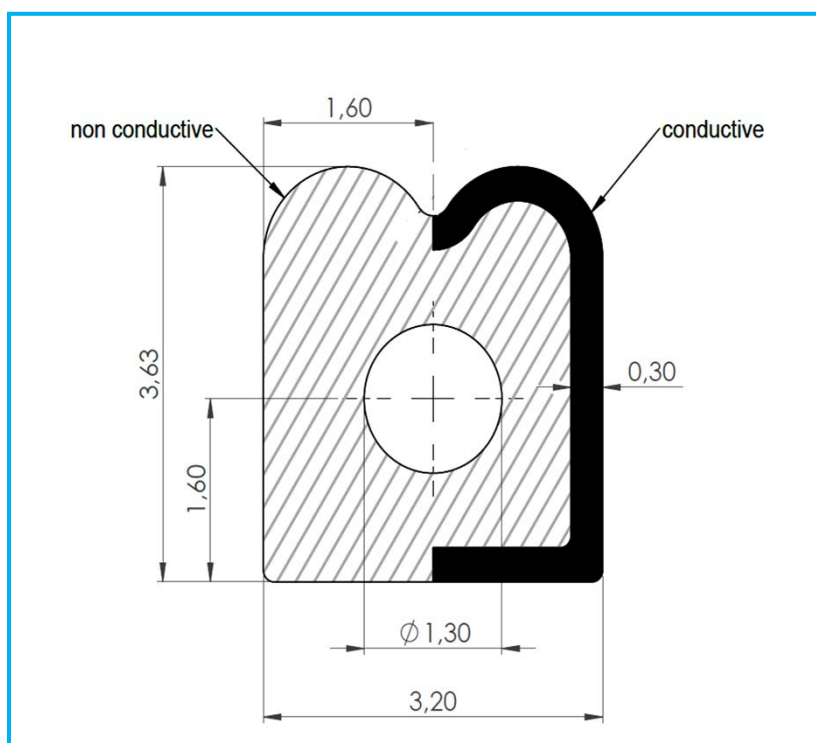
+ Profil 06

B010304S06.XXXX



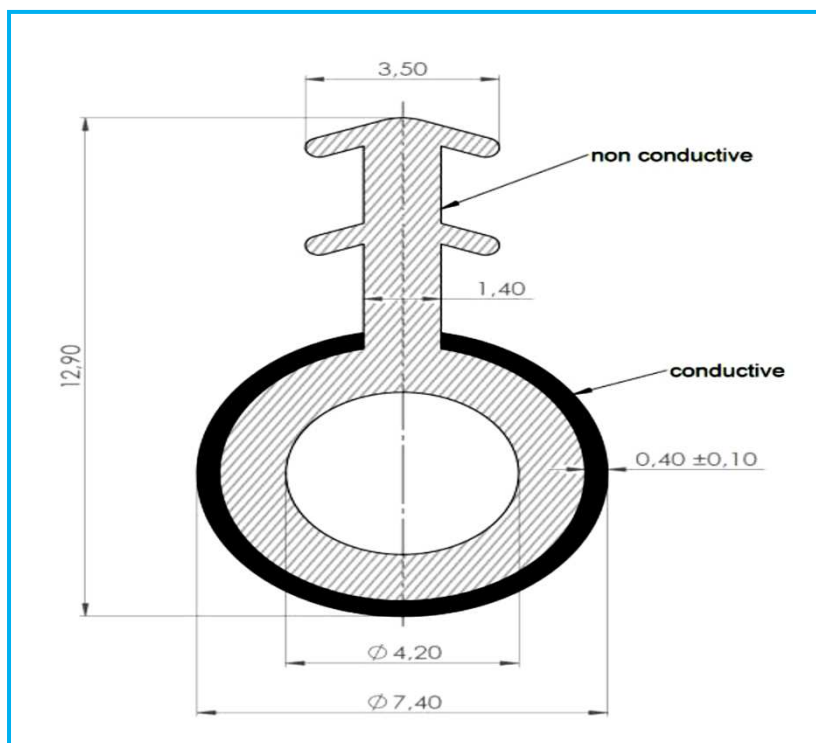
+ Profil 07

B010304S07.XXXX



+ Profil 08

B010304S08.XXXX



The results were obtained under laboratory conditions and should be considered only as an indication. As AB2E has no control over its customers' equipment and many other factors, it is the user's responsibility to carry out its own tests to ensure that the product corresponds to its needs.