

Label specification for Smart Box Link

1. Scope

The scope of this document is to describe the properties of the mandatory FCC label.

2. Label properties

The label is made from soft cadmium free, white gloss vinyl, calendered, monomeric plasticized.

The adhesive used to bond the label to the plastic surface of the Smart Box Link, is made with a permanent acrylic adhesive with high ultraviolet and weathering resistance. The label is certified for Marine use under BS 5609, to ensure that it is affixed to the product and legible for the entire product life time, with regards to the environments that the Smart Box Link operate in. The label adhesive is sufficiently strong to require tools to be used in order to remove the label. The label is placed on a permanently attached part of the equipment.

For reference, see the attached datasheet in the end of this document.

3. Text on label

Smart Box Link[®]

Article number 200 612

FCC ID: 2A0FP-200612

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

4. Picture of label:

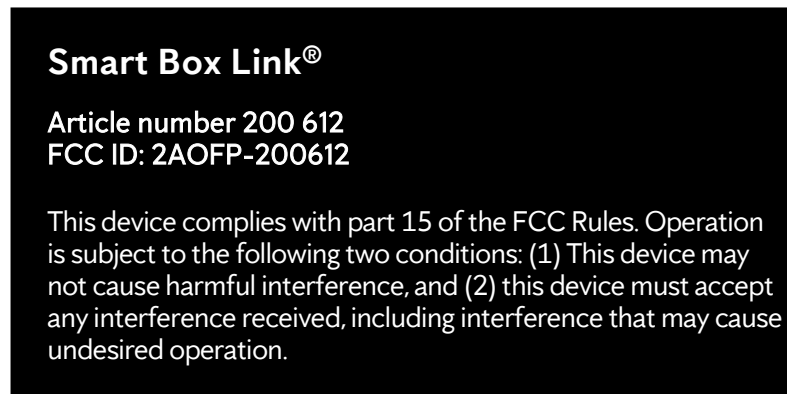


Figure 1: Example of label for Smart Box Link



MACal 8129 n.t.c. MP 312 Century 8 White

FACE MATERIAL

Soft cadmium free, white gloss vinyl, calendered, monomeric plasticized.

The material can be printed in screen, flexo, letterpress and gravure and can also be used for hot foil stamping with suitable ribbon quality.

Application

Long life labels and outdoor use. Labels, stickers, signs, emblems, vehicle marking, drum labelling and other applications where conformability, longer life and resistance to weather and chemical agents are required.

Certification : Marine use (BS 5609)

Technical characteristics

Thickness	90 ± 7 µm	ISO 534
Weight	123 ± 12 gr/m ²	ISO 536
Tensile MD	≥ 32 N/15mm	DIN 53455
Strength CD	≥ 30 N/15mm	DIN 53455
Gloss (20°)	± 45 %	DIN 67530

ADHESIVE

Permanent acrylic adhesive with high ultraviolet and weathering resistance.

Good resistance to chemicals and heat.

MP 312 offers excellent adhesion properties and cohesive strength, with inherent resistance to stringing allowing excellent convertibility.

Certification : Indirect contact with foodstuffs (32719 U 11)

Properties

High Speed Release	0,30 ± 0,15	N/25mm at 100 m/min.	FTM 4
Low Speed Release	0,09 ± 0,02	N/25mm at 300 mm/min	FTM 3
Quick Tack	≥ 12	N/25mm on glass	FTM 9
Final Peel (20min)	≥ 12.5	N/25mm on glass	FTM 1
Cohesion	≥ 70	Hours on glass	FTM 8
Appl. temperature	≥ +0°C		
Service temperature	from -20 to +80°C		
Shrinkage	≤ 2 mm		FTM 14

BACKING

Super calendered glassine backing paper combining high flexibility and consistent calliper for speed and ease of conversion with good translucency for optical scanning. Excellent resistance to die-cutting.

Technical characteristics

Thickness	68 ± 6 µm	ISO 534
Weight	80 ± 4 gr/m ²	ISO 536
Tensile strength MD	≥ 90 N/15 mm	DIN 53455
Resistance CD	≥ 50 N/15 mm	DIN 53455
Transparency	≥ 42 %	DIN 53147

Shelf life : 2 years when stored at 15-25°C, (50 ± 5) % relative humidity, in the original packaging.



MACtac Europe
Bd Kennedy, Zoning Industriel, Zone B
B-7060 Soignies Belgium
Phone : +32 (0) 67 346 211
Fax : +32 (0) 67 346 339
www.mactac-europe.com
e-mail : mactac.europe@mactac.com



All MACtac products are subject to careful quality control throughout the manufacturing process and are warranted to be of quality and free from manufacturing defects.

Published information concerning MACtac products is based upon research which the Company believes to be reliable although such information does not constitute a warranty.

Because of the variety of uses of MACtac products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to change without prior notice.

Contains more than 0.1% (w/w) of Bis(2-ethyl(hexyl)phthalate) (DEHP) CAS number 117-81-7. You can find more information on this substance on <http://www.dehp-facts.com/>