





CONEXO Retrofit

	Stainless steel seal	Label	Plastic cable tie
			
Suitable for			
metallic surfaces	●	●	●
Non-metallic surfaces	●	●	●
Mounting type			
glue	-	●	-
hang	●	-	●
Separate tests performed			
No	-	-	●
Yes	●	●	-
Operating temperature	-20 to 70 °C	-40 to 85 °C	-20 to 85 °C

For information on the tests performed, see chapter Dimensions and versions in the "Test" column of the table for each version.
All components comply with the standards ISO 18000-6C or EPC Class 1 Gen 2 and transmit in the frequency range UHF.

CONEXO Retrofit

	Metal tag	Plastic tag	Plug-in sleeve	Hexagon screw
				
Suitable for				
metallic surfaces	●	●	●	●
Non-metallic surfaces	●	●	●	-
Mounting type				
hang	●	●	-	-
press	-	-	●	-
screw	-	-	-	●
Separate tests performed				
No	-	-	-	●
Yes	●	●	●	-
Operating temperature	-40 to 85 °C	-20 to 70 °C	-20 to 70 °C	-20 to 70 °C

For information on the tests performed, see chapter Dimensions and versions in the "Test" column of the table for each version.
All components comply with the standards ISO 18000-6C or EPC Class 1 Gen 2 and transmit in the frequency range UHF.

Dimensions and versions

Stainless steel seal

Version	Dimensions	Tests
Item number: 88603387 Cable length: 0.3 m Operating temperature: -20 – 70 °C		Autoclavable up to 135 °C Temperature resistance -20 to 150 °C
Item number: 88603390 Cable length: 0.5 m Operating temperature: -20 – 70 °C		

Label

Version	Dimensions	Tests
Item number: 88616829 for non metallic surfaces Operating temperature: -30 – 70 °C		
Item number: 88603388 for non metallic surfaces Operating temperature: -40 – 85 °C		Temperature resistance, adhesive (see page 4) Temperature change resistance, adhesive (see page 4) UV resistance (see page 4) Chemical resistance test (see page 4)
Item number: 88603389 for non metallic surfaces Operating temperature: -40 – 85 °C		
Item number: 88607711 for metallic and non metallic surfaces Operating temperature: -40 – 85 °C		

Plastic cable tie

Version	Dimensions	Tests
Item number: 88613921 Colour: black Operating temperature: -20 – 85 °C		
Item number: 88627065 Colour: red Operating temperature: -20 – 85 °C		

Metal tag

Version	Dimensions	Tests
<p>Item number: 88679600 Operating temperature: -20 – 70 °C</p>		Autoclavable up to 135 °C Temperature resistance -20 to 150 °C Chemical resistance test (see page 4)
<p>Item number: 88615423 Operating temperature: -40 – 85 °C</p>		
<p>Item number: 88615422 Operating temperature: -40 – 85 °C</p>		

Plastic tag

Version	Dimensions	Tests
<p>Item number: 88607712 Colour: natur Operating temperature: -20 – 70 °C</p>		Autoclavable up to 135 °C Temperature resistance -20 to 150 °C Protection class IP 67
<p>Item number: 88607713 Colour: rot Operating temperature: -20 – 70 °C</p>		

Plug-in sleeve

Version	Dimensions	Tests
<p>Item number: 88603198 Operating temperature: -20 – 70 °C</p>		Autoclavable up to 135 °C Temperature resistance -20 to 150 °C Protection class IP 67

Hexagon screw

Version	Illustration	Tests
<p>Item number: 88682239 Dimensions: M4x10 Operating temperature: -20 – 70 °C</p>		
<p>Item number: 88682240 Dimensions: M5x16 Operating temperature: -20 – 70 °C</p>		

Tests

Temperature resistance, adhesive

Test medium:	various plastics
Ambient temperature:	80 °C
Relative air humidity:	20 %
Test duration:	24 h

Temperature change resistance, adhesive

Test medium:	various plastics
Ambient temperature:	-10 °C / 60 °C alternating 4 h/4 h
Relative air humidity:	20 %
Test duration:	7 days (21 cycles)

Chemical resistance test

The chemical resistance test was carried out in accordance with DIN EN ISO 2812-1:2007 using the dipping method with the following test media:

Test media:	Ultra pure water
	ECA water
	Sodium hydroxide
	Mucosol
	P3-oxoina active
	P3 topactive 200
	P3 topactive 500
	Nitric acid
	Peracetic acid
	Phosphoric acid
	Peroxide sanitiser
	Hydrogen peroxide

UV resistance

Test medium:	Xenon
Test duration:	21 days (corresponds to about half a year of UV exposure)