


	Test report	1642-QL21-R01 ver. 01
	Applicant	Global Tag S.R.L. Via Aldo Moro, 10 25124 - Brescia - Italy
	Type	GT-TLLY9025-UHF, GT-TLLY8025-UHF, GT-TLLY4025-UHF

## TEST REPORT 1642-QL21-R01 ver. 01

<b>Dates and authorization</b> Date e autorizzazioni		
Report Date Data emissione rapporto di prova	25/11/2021	
Written by Preparato da	Fabrizio Faccomani	
Authorized by Autorizzato da	Ing. Massimo Bertino	
<b>Data declared under the sole responsibility of the applicant</b> Dati dichiarati dal richiedente e sotto la sua responsabilità		
Applicant Richiedente	Global Tag S.R.L. - Via Aldo Moro, 10 - 25124 - Brescia - Italy	
Manufacturer Produttore	Same as applicant/Come il richiedente	
Type Modello	GT-TLLY9025-UHF GT-TLLY8025-UHF GT-TLLY4025-UHF	
<b>Applicable Standard</b> Norme applicabili		
	Doc. Prot. Cert_001_112021	

The test results and observations indicated in this test report refer exclusively to the samples as received and tested. It is not permitted to transfer the results to other systems or configurations. The publication or duplication of this test report with enclosures, or part of this test report or enclosures, without a written consent of the test laboratory is not permitted. The test laboratory not assumes any liability to any party for any loss, expense or damage occasioned by the use of this report. Any use of the laboratories name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by the test laboratory. In case of a multilingual test report, the English version is the only official version.

I risultati e le osservazioni indicate in questo rapporto di prova sono riferiti esclusivamente ai campioni così come ricevuti e testati. Non è permesso utilizzare i risultati e le osservazioni di questo rapporto di prova per altri sistemi o configurazioni. Non è permessa la pubblicazione o la duplicazione completa o parziale di questo rapporto di prova e dei suoi allegati senza un consenso scritto da parte del laboratorio di prova. Il laboratorio di prova non si assume responsabilità nei confronti di terzi per danni o eventuali costi derivanti dall'utilizzo dei dati presenti in questo rapporto di prova. Ogni uso del nome del laboratorio di prova e dei suoi marchi per la vendita o per pubblicizzare il prodotto testato deve essere prima approvato in forma scritta dal laboratorio di prova. In caso di rapporto di prova con più lingue, la versione inglese è da considerarsi quella ufficiale.

	Test report	1642-QL21-R01 ver. 01
	Applicant	Global Tag S.R.L. Via Aldo Moro, 10 25124 - Brescia - Italy
	Type	GT-TLLY9025-UHF, GT-TLLY8025-UHF, GT-TLLY4025-UHF

Annex Annesso	Test Name Identificazione prova	Test Procedure Procedura di prova	Test Requirement Requisito di prova	Verdict / Result Esito / Risultato
I	IP6X Dust-tight	Doc. Prot. Cert_001_112021	No dust ingress	<b>PASS</b>
II	IPX8 Protected against the effects of continuous immersion in water	Doc. Prot. Cert_001_112021 Water level: 1,2 m Duration: 2 h	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously immersed in water under conditions which shall be agreed between manufacturer and user but which are more severe than for numeral 7	<b>PASS</b>
III	Photographs	-	-	-

Sample description	Sample under test IP6X	Sample under test IPX9
GT-TLLY9025-UHF	1500-QL21-S01	1500-QL21-S07
	1500-QL21-S02	1500-QL21-S08
GT-TLLY8025-UHF	1500-QL21-S03	1500-QL21-S09
	1500-QL21-S04	1500-QL21-S10
GT-TLLY4025-UHF	1500-QL21-S05	1500-QL21-S11
	1500-QL21-S06	1500-QL21-S12

	Test report	1642-QL21-R01 ver. 01
	Applicant	Global Tag S.R.L. Via Aldo Moro, 10 25124 - Brescia - Italy
	Type	GT-TLLY9025-UHF, GT-TLLY8025-UHF, GT-TLLY4025-UHF

<b>ANNEX I</b>		<b>IP6X</b>
Standards and applicable points	Doc. Prot. Cert_001_112021	
Sample identification	From 1642-QL21-S01 to S06	
Place of testing	Qualilab Srl - Via Trento, 87 - 25020 - Capriano del Colle (BS) - Italy	
Test date	23/11/2021	
Environmental conditions	Temperature 25 °C ± 10 °C Relative humidity 50 % ± 25 % Air pressure 96 kPa ± 10 kPa	
Instruments	IP4X probe ATS Srt 01.12 QL-IN-041 Talcum Dust chamber Qualilab QL-IN-358 Pressure gauge Digitron 2023P QL-IN-046 Temperature-humidity datalogger Testo 174 H QL-IN-261 Pressure-temperature-humidity datalogger Deltaohm HD50G14bNTC QL-IN-282	
Test procedure	<p>Protection against solid foreign objects: The test was made using a dust chamber whereby the powder circulation pump maintains the talcum powder in suspension. The amount of talcum powder used is 2 kg per cubic meter of the test chamber volume. The test was continued for a period of 8 hours.</p> 	
Test requirements	.No dust ingress	
<b>VERDICT / RESULT</b>	<b>PASS</b>	

	Test report	1642-QL21-R01 ver. 01
	Applicant	Global Tag S.R.L. Via Aldo Moro, 10 25124 - Brescia - Italy
	Type	GT-TLLY9025-UHF, GT-TLLY8025-UHF, GT-TLLY4025-UHF

<b>ANNEX II</b>		<b>IPX8</b>
Standards and applicable points	Doc. Prot. Cert_001_112021	
Sample identification	From 1642-QL21-S07 to S12	
Place of testing	Qualilab Srl - Via Trento, 87 - 25020 - Capriano del Colle (BS) - Italy	
Test date	24/11/2021	
Environmental conditions	Temperature 25 °C ± 10 °C Relative humidity 50 % ± 25 % Air pressure 96 kPa ± 10 kPa	
Instruments	Pressure Tank for IPX8 Qualilab QL-IN-273 Pressure gauge LTR TLDMM-A01 0-1500bar QL-IN-093 Chronometer RS components stopwatch QL-IN-007 Temperature-humidity datalogger Testo 174H QL-IN-019 Pressure-temperature-humidity datalogger Deltaohm HD50G14bNTC QL-IN-282 Thermometer 2 channels Testo Testo 922 QL-IN-208	
Test procedure	The test was performed by completely immersing the enclosure in water in its service position inside a pressurized box with pressure sets to the corresponding water level below. Water level: 1,2m Duration: 2 hours	
Test requirements	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously immersed in water under conditions which shall be agreed between manufacturer and user but which are more severe than for numeral 7  	
<b>VERDICT / RESULT</b>	<b>PASS</b>	

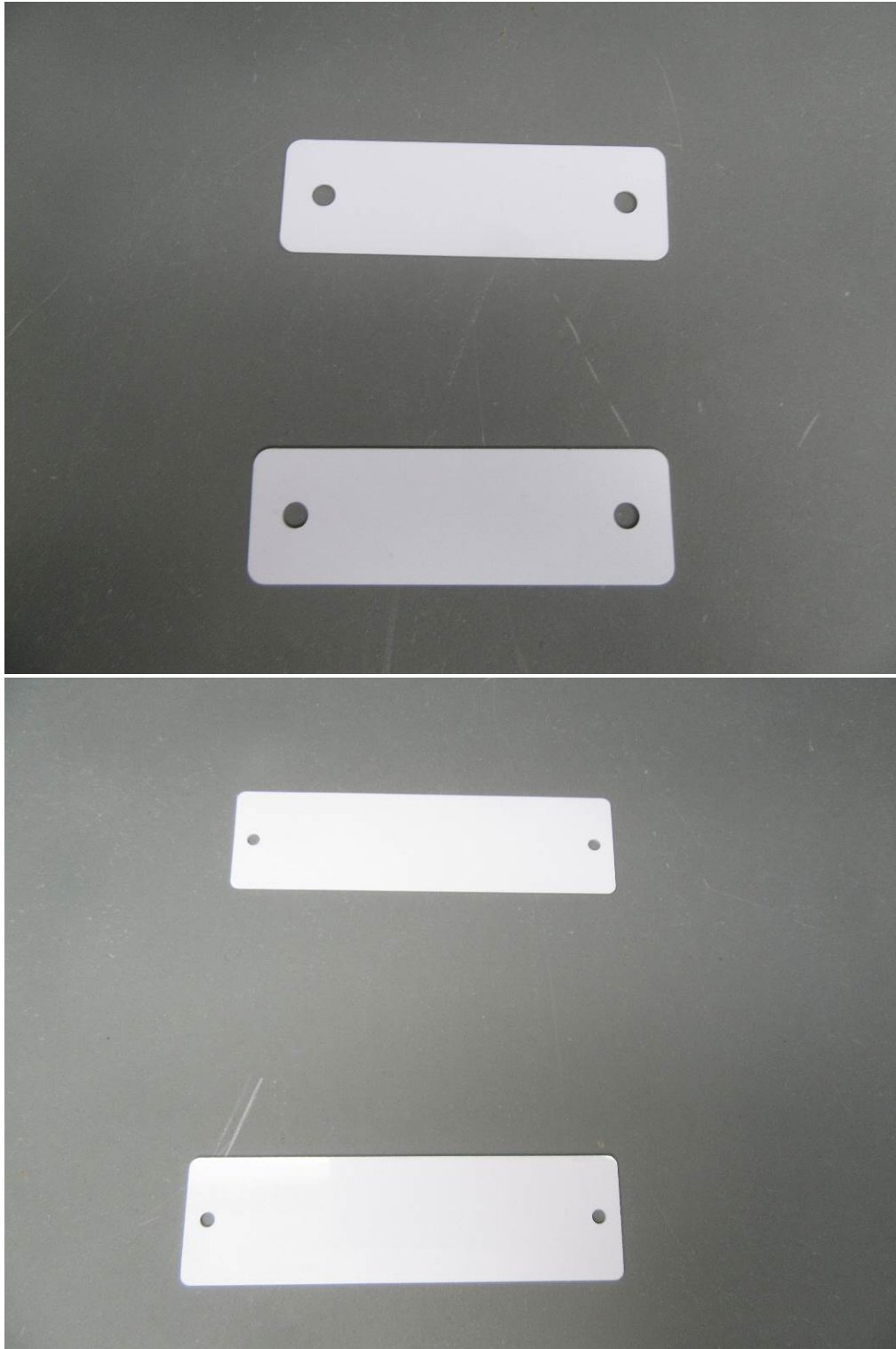


Test report	1642-QL21-R01 ver. 01
Applicant	Global Tag S.R.L. Via Aldo Moro, 10 25124 - Brescia - Italy
Type	GT-TLLY9025-UHF, GT-TLLY8025-UHF, GT-TLLY4025-UHF

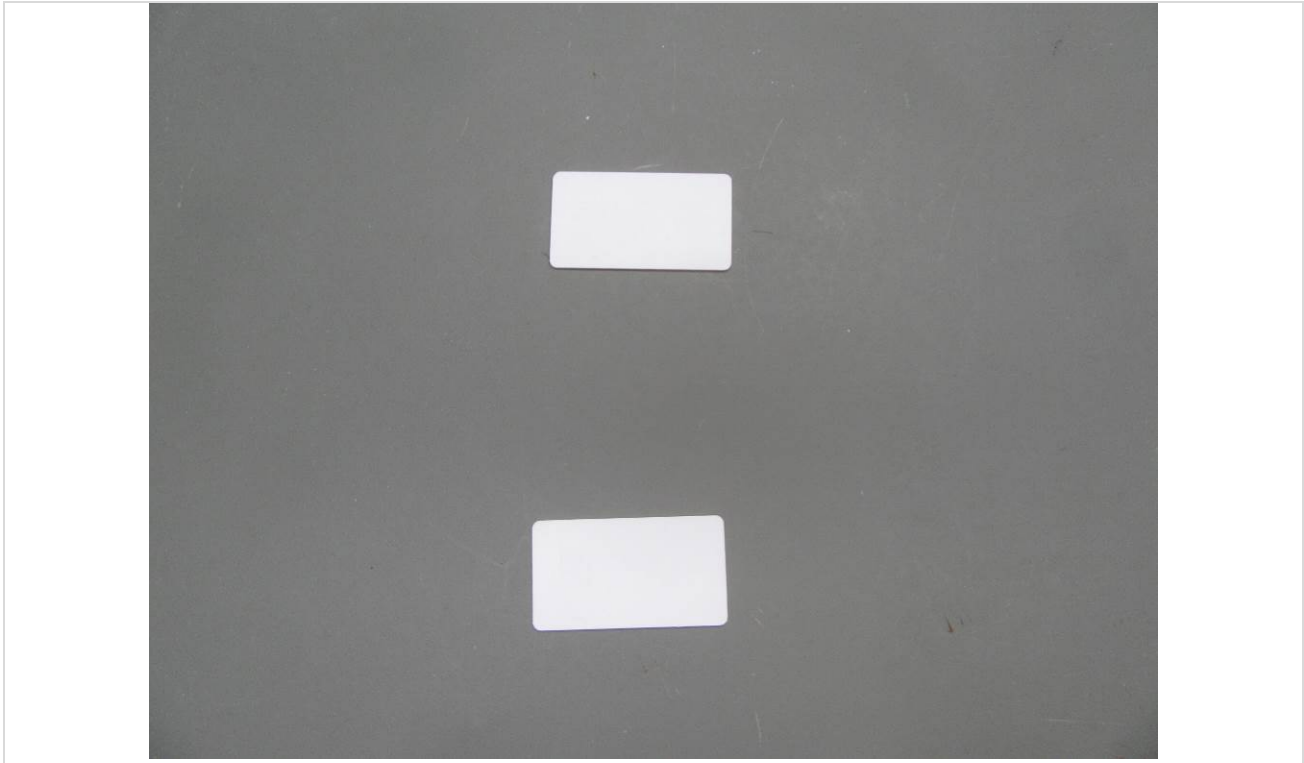
**ANNEX II**

**Photographs**

From 1642-QL21-S01 to S06  
After IP6X



	Test report	1642-QL21-R01 ver. 01
	Applicant	Global Tag S.R.L. Via Aldo Moro, 10 25124 - Brescia - Italy
	Type	GT-TLLY9025-UHF, GT-TLLY8025-UHF, GT-TLLY4025-UHF

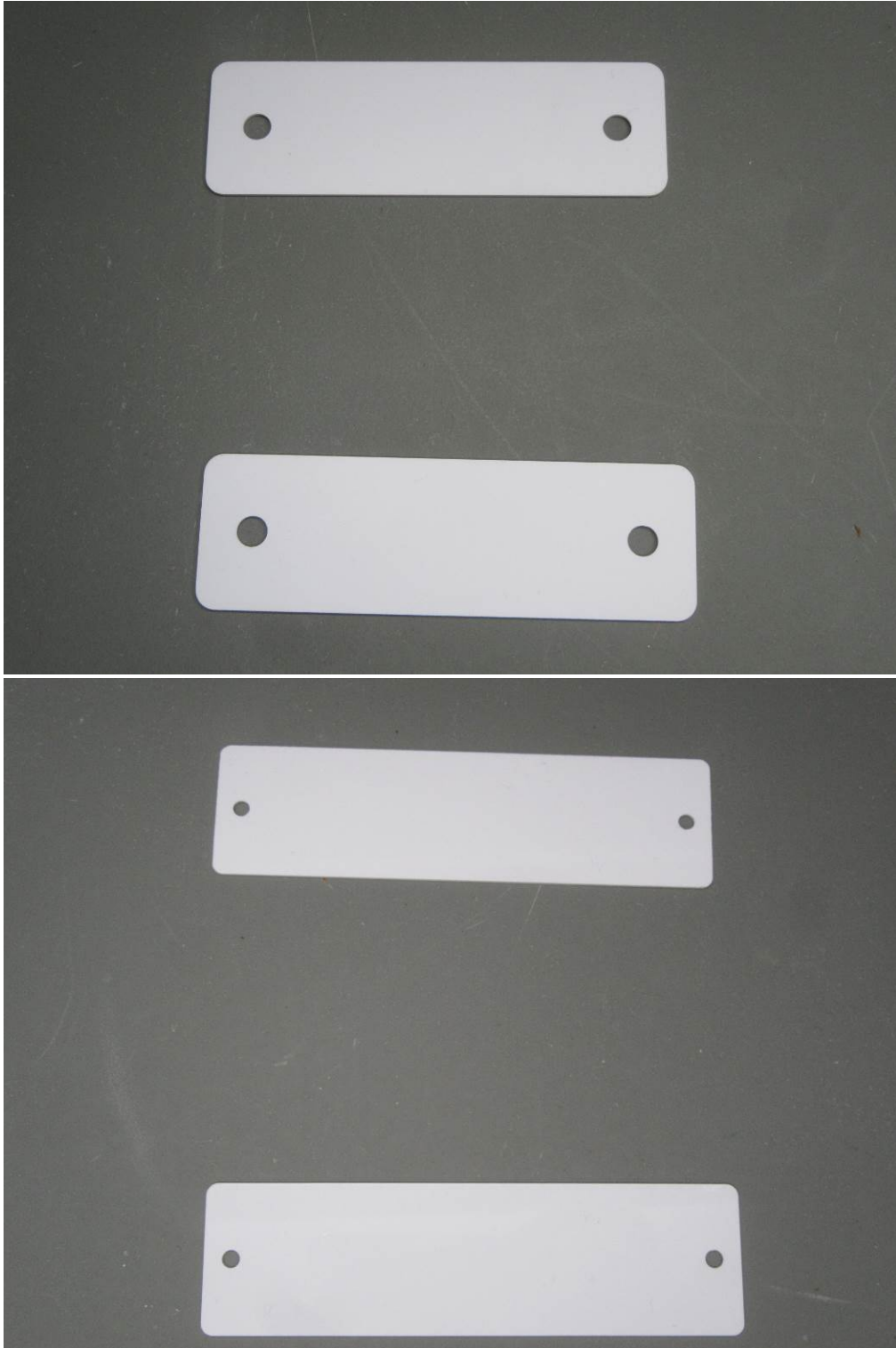




Test report	1642-QL21-R01 ver. 01
Applicant	Global Tag S.R.L. Via Aldo Moro, 10 25124 - Brescia - Italy
Type	GT-TLLY9025-UHF, GT-TLLY8025-UHF, GT-TLLY4025-UHF

From 1642-QL21-S07 to S12

After IPX8



	Test report	1642-QL21-R01 ver. 01
	Applicant	Global Tag S.R.L. Via Aldo Moro, 10 25124 - Brescia - Italy
	Type	GT-TLLY9025-UHF, GT-TLLY8025-UHF, GT-TLLY4025-UHF

