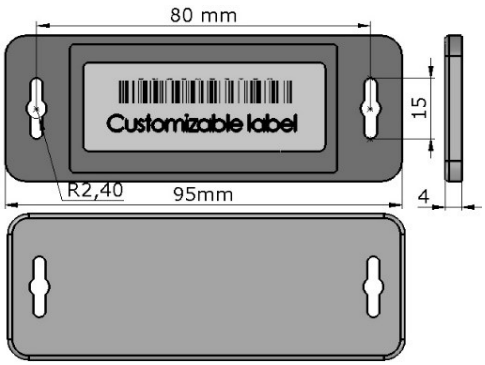

P3 U	UHF OFF Metal	Global 840-960 MHz 18000-6C EPC Class 1 Gen2	95x36x4	Screws/Rivets
Product Code	*Usable*	*Frequency - ISO/IEC*	*Dimensions mm.*	*Mounting*

Rugged Tag UHF fixing with screws / rivets, made of rigid plastic with excellent resistance to aggressive chemicals, OFF Metal use

Typical Applications: Industrial applications with aggressive chemicals

Services Available: Pre-encoding chip - Custom layout of printing including logo, text, numbers, QR code, barcode ecc. different color for MOQ, special packaging

Available IC/Chip: Ucode-8, Monza 6/P

WINTAG Made in Italy Manufacturing of RFId-NFC Technology

Product Code **P3 U**

DS_E Product Datasheet - Page 2/2

Versioni prodotto disponibili	
P3 U-01R_U8	UHF Tag made of ABS + PU resin, very resistant for general uses, storage temperature -40 ° / + 80 °C
P3 U-02R_U8	UHF Tag made of ASA + PU resin, very resistant to UV rays, storage temperature -40 ° / + 80 °C
P3 U-11M_U8	UHF Tag made of MOLDED Polypropylene, excellent resistance to aggressive chemicals and high temperatures, operating temperatures -40 ° / + 100 ° C

Available versions and technical features

Product Code:	**P3 U-01R_U8**	**P3 U-02R_U8**	**P3 U-11M_U8**		
Frequency	Global 840-960 MHz	Global 840-960 MHz	Global 840-960 MHz		
ISO Protocoll	18000-6C Gen2	18000-6C Gen2	18000-6C Gen2		
IC/Chip	Ucode-8	Ucode-8	Ucode-8		
UID	96 bits	96 bits	96 bits		
User Memory	0 bits	0 bits	0 bits		
Reading Distance (1)	Up to 6,0 mt	Up to 6,0 mt	Up to 6,0 mt		
Opzional Chip:	Ucode-8, Monza 6/P				
Housing Material	ABS + PU resin	ASA + PU Resin	PP + TPE		
Weight grams	12,0	12,0	12,0		
Standard Colors	RAL 7016 Medium Grey	RAL 5002 Medium Blue	RAL 7016 Medium Grey		
IP Class Protection	IP68	IP68	IP68		
Operating Temp. C°(2)	-40/+85 °C	-40/+85 °C	-40/+85 °C		
Storage Temp. C° (3)	-40/+80 C°	-40/+80 C°	-40/+95 C°		
Chemical resistance	**A**	**B**			

(1) Depends on the type of Smart-phone - (2) Continuous use - (3) For a short time

Category	*Chemical resistance of housing*
A	*RESISTANT: Water, salt, UV rays (not prolonged), acids (conc. <10%: hydrochloric, sulfuric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), mineral oils.*
B	*RESISTANT: Water, salt, UV rays (even prolonged), acids (conc. <10%: hydrochloric, sulfuric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), mineral oils.*
C	*RESISTANT: Water, salt, UV rays (not prolonged), acids (conc. <10%: citric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), hydrocarbons, mineral oils.*
D	*RESISTANT: Water, salt, UV rays (not prolonged), acids (conc. <10%: citric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), hydrocarbons, mineral oils.*

To check the chemical resistance of the polymers in your process, we recommend that you always carry out a preliminary test with several samples. Download from our website the document "CHEMICAL RESISTANCE of POLYMERS" or contact our offices for more information.

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