

TAGnology PA6 TAGs

Highly robust and rugged

The TAGnology PA6-TAGs are reinforced with glass fiber. They are particularly resistant to high impact and mid temperature applications and are substrate-neutral. This means that they can be used outdoors as well as on- and non-metal without any problems. In addition, the TAGs have a wide range of mounting options.



CHIP TYPES	
LF, 125 kHz	Hitag-S 2048 , Article No.: 00547 ISO 14223, ISO 11784/85, ISO 18000-2, 2048 bytes user memory
HF, 13.56 MHz (NFC)	I-Code SLIX , Article No.: 00548 1 kbits Read/Write, ISO 15693/ISO 18000-3, 896 bit user memory
	NTAG 216 , Article No.: 02719 NFC Forum type 2 TAG compliant IC, ISO 14443A, 888 bytes user memory
	MIFARE® DESFire® 4K , Article No.: 02119 ISO 14443A, 01806 (ISO/IEC7816 compatible), 4 kb user memory
UHF, 869 MHz (EU)/915 MHz (US)	Article No.: 02901

TECHNICAL SPECIFICATIONS	
Water immersion	IP67
Vibration	IEC68.2.6
Shock	IEC68.2.29
Major characteristics	High mechanical resistance Good chemical resistance
General Properties	Maximum usage temperature: 100°C Flammability at 1.6 mm HB

PHYSICAL SPECIFICATIONS	
Diameter	34 ± 0.3 mm
Thickness	8 ± 0.3 mm
Hole	5.4 ± 0.3 mm
Weight	7.8 g
Material	PA6 High impact
Color	black
Storage	- 40° C bis + 100° C +120° C
Operating	- 40° C bis + 100° C
Shock/fatigue	- 40° C bis + 100° C
Mounting options	glue, screw, rivet, clamp, hang

Substance	Stability	
Acetic acid 10 %	++	<p>+ = Resistant</p> <p>++ = Limited resistance</p> <p>- = Not resistant</p>
Aceton	+	
Ammonia	+	
Benzene	+	
Ethanol	+	
Ethylen chlorohydrin	++	
Fuel	+	
Methanol	+	
Methyl ethyl ketone	+	
Mineral oils	+	
Petrol	+	
Sulphuric acid 2 %	-	
Toluene	+	
Trichloroethylene	++	
Water	+	

The recommendations and data given are based on experimental experience.
 TAGnology RFID GmbH cannot guarantee that the required properties will be fulfilled under all circumstances.
 These data are valid for the plastic material only and are not necessarily the same as the data of the product specifications.