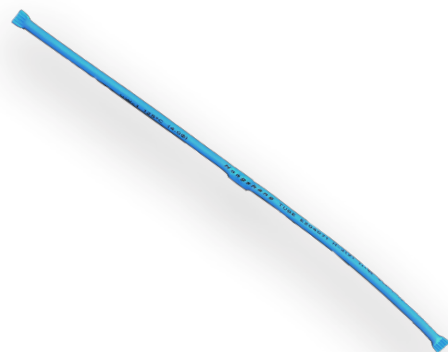


Flex Wire

Heavy Duty Tag 179mm



FUNCTIONAL SPECIFICATIONS

Specification	
RFID Protocol	EPC Global Class1Gen2 ISO/IEC 18000-6C
Frequency	EU(865 - 869 MHz) US(902 – 928 MHz)
IC type	Alien Higgs-3
Memory	EPC 128 bits, USER 512 bits, TID 64 bits
Write Cycles	100.000 times
Functionality	Read/write
Data Retention:	50 Years
Applicable Surface	Metal Surfaces
Read Range (Fix Reader)	Up to 7.0m, On metal (depends on reader)
Read Range (Handheld Reader)	Up to 7.0m, On metal (depends on reader)

PHYSICAL SPECIFICATIONS

Specification	
Size	Length: 179 mm Wire: \varnothing 3.12 mm Tag: \varnothing 4.2 mm
Material	Self extinguishing Polyolefin (2.500 psi minimum)
Color	Blue
Mounting Methods	Wrapping the tag around any object, or embedding it into items
Weight	3.0g

ENVIRONMENTAL SPECIFICATIONS

Specification	
IP Rating	IP69K
Storage Temperature	+100 °C continuous, for 30 days, +200 °C with degradation of the plastic, but not the tag
Operating Temperature	-50°C to +100°C
Certifications	Reach Approved, RoHS Approved, CE Approve, ATEX Compliant

ORDER CODE

Description	Order Code
Heavy Duty Tag 179mm	ST-UHF-OP-HD-179-EU
	ST-UHF-OP-HD-179-US