



Heavy Duty Tag 61x54

FUNCTIONAL SPECIFICATIONS

Specification	
RFID Protocol	EPC Global Class1 Gen2, ISO/IEC 18000-6C
Frequency	UHF (860 - 960 MHz)
IC type	Impinj Monza X-8K Dura
Memory	EPC 128 bits , Monza X-8K Dura; 8K Bytes, TID 96 bits
Write Cycles	100.000 times
Functionality	Read/write
Data Retention	50 Years
Applicable Surface	Metal Surfaces
Read Range (Fix Reader)	Up to 2.0m, On metal (depends on reader)
Read Range (Handheld Reader)	Up to 2.0m, On metal (depends on reader)

PHYSICAL SPECIFICATIONS

Specification	
Size	12.0mm diameter (Hole diameter 8mm x2)
Thickness	17.0mm
Flange	8 mm (Spacer: 2 mm)
Hole Spacing	42.0mm
Material	Steel Shell: High-temperature ceramic filler Spacer: High-temperature fiberglass
Color	Black
Mounting Methods	Welding, Bolting
Weight	150g

ENVIRONMENTAL SPECIFICATIONS

Specification	
IP Rating	IP68
Storage Temperature	One Hour at 400 °C; slight cool-down; 30-day test cycle
Operating Temperature	-50°C to +400°C
Certifications	Reach Approved, RoHS Approved, CE Approve, ATEX Compliant

ORDER CODE

Description	Order Code
Heavy Duty Tag 61x54	ST-UHF-OP-HD-61x54