



DESCRIPTION

RFG 73*18mm inlays are made by Avery Dennison and Smartrac. Designed for global retail, industrial and supply-chain applications, they offer excellent performance in high- density, close proximity conditions.

The Gen2 UHF RFID inlays have a 70mm x 14.6 mm antenna design providing superior bulk reading performance when tagged items are stacked. The features the M730 chips from Impinj, which is equipped with 128-bit EPC memory and a 96-bit Tag Identifier (TID) with a 48-bit unique serial number factory-encoded into the TID. With a compact 73 mm (2.8 inches) form factor, they are easy to convert into end application usage. They are available in dry, wet, and paper tag delivery formats.

Like all RFID products from Avery Dennison Smartrac, inlays are manufactured according to the industry's highest quality standards, as confirmed by the RFID Lab at Auburn University. The inspection body awarded Avery Dennison Smartrac its first comprehensive and significant ARC accreditation for quality.

Specification	
PHYSICAL CHARACTERISTICS	
Inlay size	73 mm X 18 mm
Label size	74X20/100X25 mm
Adhesive	Acrylic
Delivery format	Reel
No. of labels/Reel	10,000 pcs/reel
Core Inner diameter	76 mm / 3 in
Available face material	PET/Paper
ENVIRONMENTAL RESISTANCES	
Operating temp.	-40 °C to 85 °C -40 °F to 185 °F
Relative humidity	5-95% Condensing
UV Resistant	No
PERSONALIZATION OPTIONS	
Encoding	Possible
Customized printing	Possible
RFID SPECIFICATIONS	
Operating mode	Passive
Frequency Band	UHF 860 - 960 MHz
RF protocol	ISO/IEC 18000-63 Type C
IC	Impinj M730
EPC memory	128-bit
TID memory	96-bit/48 bit Unique serial number
User memory	NA
Web Width	80 mm / 3 in
Access password	32 bit
Kill password	32 bit
Write cycle endurance	2,00,000 cycles
Read range	Upto 8 meters
Tamper proof	No
RoHs	EU Directive 2011/65/EC & Directive (EU) 2015/863
Certificate	ARC