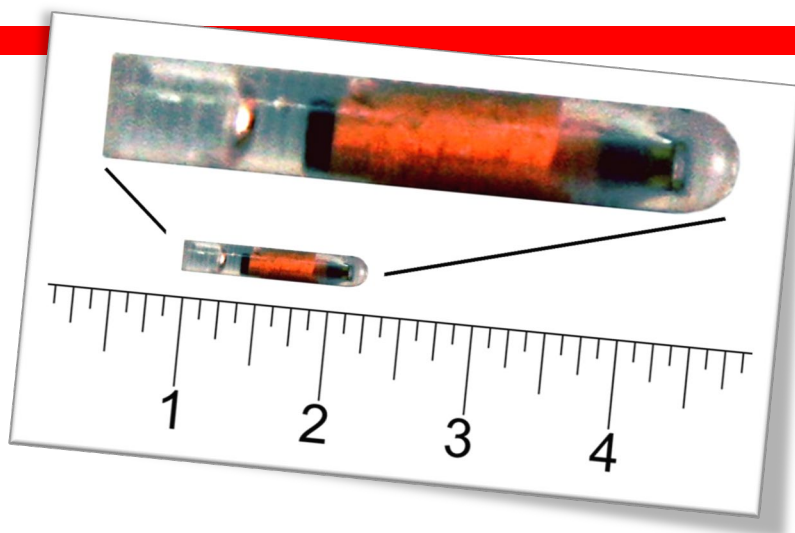


13mm Bio Polymeric

ACTUAL SIZE Ø2.86mm x 13mm

Ø0.11in x 0.47in

WEIGHT 0.11 grams / 0.0038 oz



SPECIFICATIONS

TECHNICAL

BIO POLYMERIC & PACKING OPTIONS

Model Number	13BP	13BPNP	13BPNP
Packaging Options	Bio Fusion Polymer Transponder Only	Sterile Cannula unit incl. and re-useable syringe	Sterile Syringe with removable needle & cap
Inclusion Options	Colour Options Available	Barcode Labels, Aluminium tag	Barcode Labels, Aluminium tag
Pack Sizes	1k,5k,10k, 50k	Packs of 30	Packs of 20
Operating Frequency	HDX 134.2kHz Read Only		FDX-B 134.2Khz or 125kHz Read Only or Read/Write
Chip Type	SIC279		EM4305

CHEMICAL & MECHANICAL

Transponder Exterior	FDA APPROVED BIO POLYMER (PARYLENE COATING OPTIONAL)		
Water	IP68, 68° F (20° C), 3.3 ft (1 m) x 24 h (Tested to 600 BAR)		
Resistance	Shock/Vibration IEC 68-2-29 / IEC 68.2.6		Chemical Resistance Acid & Alkalis, Excellent
Storage Temperature	-40° to +194° F (-40° to +90° C), 1000h		
Operating Temperature	-13°F to +185° F (-25° to +85° C)		
Peak	248° F (120° C), 100 h; '284° F (140° C), 10 h		
Certification	ISO11784/11785 : ICAR Conformance & Performance of transponders ISO Bureau Veritas Lab testing for mechanical durability		
Duration	Warranty : 2 years		Sterile : Processed in EO GAS : 5 YEARS

SWISSPLUS SUPERIOR SYRINGE DESIGN HIGHLIGHTS

- The SwissPlus iD polymeric Microchip uses a patented infusion process to house the RFID microchip electronic inside a solid block of surgical FDA approved anti-microbial bio polymer.
- SwissPlus iD polymeric tags surgical polymeric housing encourages tissue growth from the animal own cells to grow onto and lock the microchip in place (no need for Parylene coating).
- SwissPlus iD polymeric microchips have a unique design shape. Our microchips are round at the front end to let the microchip slide down inside the needle and gently enter into the animal. The back end of the microchip is flat, this design feature is to ensure that as the cannula is pulled back out of the wound, the animals tissue closes around the flat end of the polymeric microchip locking it in place. This is very important because it takes time for the incision to close and heal.
- SwissPlus iD polymeric tags operate on North Sea Oil Rig drill heads. Proven to withstand 600 bar+ water pressure in the drill hole
- Customized sterile and non-sterile pack solutions available, alternative colour polymer casing also available for high visibility when recovering microchip in human food chain applications.

For further information and contact details for your regional **SwissPlus iD** office, distributor or please visit our website:

www.swissplusid.com Email: enquiries@swissplusid.com