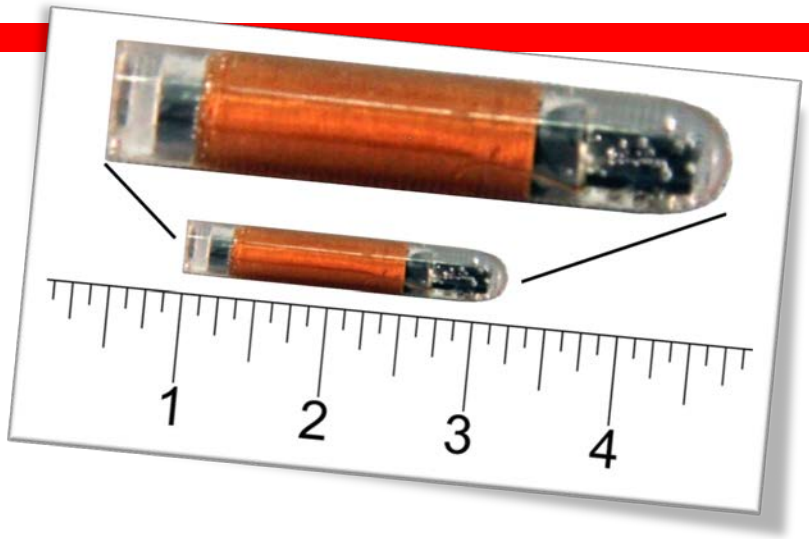
22mm
Bio Polymeric

ACTUAL SIZE Ø4.00 mm x 22mm
Ø0.17in x 0.87in
WEIGHT 0.59 grams / 0.02 oz



SPECIFICATIONS

TECHNICAL — **BIO POLYMERIC & PACKING OPTIONS**

Model Number	22BP	22BPNP	22BPCP
Packaging Options	Bio Polymer Transponder Only	Sterile Needle unit incl. plunger & cap	Non Sterile Cartridge strip
Inclusion Options	Colour Options	Barcode Labels	Barcode Labels
Pack Sizes	1k,5k,10k, 50k	Packs of 30	Strips of 10, packs of 1k, 5k,
Operating Frequency	HDX 134.2Khz Read Only		FDX-B 134.2Khz 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.swissplus.id
Email: enquiries@swissplusid.com