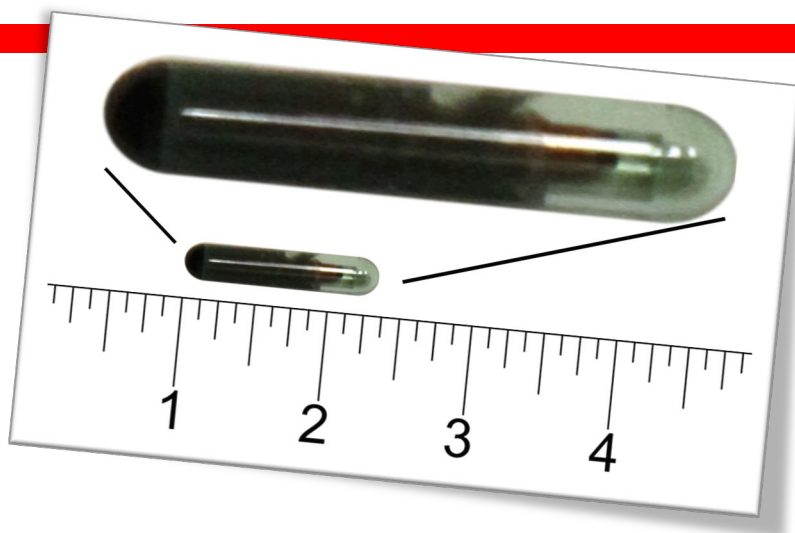


# 12mm Bio Glass

**ACTUAL SIZE** Ø2.12mm x 12mm

Ø0.08in x 0.47in

**WEIGHT** 0.11 grams / 0.0038 oz



## SPECIFICATIONS

TECHNICAL	BIO GLASS & PACKING OPTIONS			
Model Number	12BG	12BGNP	12BGSP	12BGSTP
Packaging Options	Non Sterile Bio Glass Transponder (PIT Tag) Only	Sterile “Less Waste” Cannula unit including re-useable implanter	Sterile Premium Syringe implanter with removable needle & cap	Sterile Standard Syringe Implanter with cap
Inclusion Options	Alternative chips	Barcode Labels, Aluminium tag	Barcode Labels, Aluminium tag	Barcode Labels, Aluminium tag
Pack Sizes	2k,4k,8k, 20k	Packs of 30	Packs of 20, 25	Packs of 10, 25
Operating Frequency	FDX-B 134.2Khz or 125kHz (ISO) Read Only or Read/Write		FDX-A 125kHz (10 Digit Non ISO) Read only	
Chip Type	EM4305			
CHEMICAL & MECHANICAL				
Transponder Exterior	BIO GLASS (PARYLENE COATING OPTIONAL)			
Water	IP68, 68° F (20° C), 3.3 ft (1 m) x 24 h			
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			
ISO 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

- Manufactured with patented HID Global direct-bonding technology, these tags deliver exceptional size to performance ratios.
- Among the latest HID innovations, Glass Tag Ultra transponders provide greater read-range performance than any low frequency tags of comparable size, and a generous 512 bits of read-write memory.
- SwissPlus iD syringe delivery system includes; Removable threaded needle unit for Less sharps waste; Dual plunger system; Stainless steel spring loaded barrel pressure ensuring smooth and easy application; High quality fine ground precision needle, minimizing pain and ease of insertion; Strong and Ergonomic finger fit design for all hand sizes.
- Customized sterile and non-sterile pack solutions available, together with custom printed dispenser cartons and database solutions.

