



# PROFESSIONAL PLASTICS

**XTRA FLEX™** HS-914 (Non Shrink)

**NON  
SHRINK**

Medical-Grade USP Class VI non shrinkable tubing / sleeving that sets the standard for high-performance, safety and reliability

Xtra-Flex HS-914 (Non Shrink) ultra-flexible, crystal clear, non-phthalate Polyvinylchloride non shrink tubing is ideal for tube joining, transitioning, fluid transmission and providing transparent protection.

#### **High-Performance, Non-Phthalate, Polyvinylchloride Tubing / Sleeving**

##### **High performance, non-DEHP**

- Superior flexibility and non-kinking
- Extremely supple

##### **Outstanding crystal-clear transparency**

Exceptional clarity permits optimum visual inspection of the underlying components

Provides see-through protection over labels, warnings, directions, etc.

Will not turn yellow or cloudy

##### **Resistant to many chemicals**

##### **Sterilization Options – Can be repeatedly sterilized by:**

- E-Beam and Gamma Radiation
- Autoclave
- ETO

**Alcohol wiped, packaged in coils or on plastic spools, and double plastic bagged in a clean room environment**

##### **Complete lot traceability**

##### **Meets the most stringent bio-compatible specifications:**

- USP Class VI Compliant
- ISO-10993-5 Certified
- USFDA Compliant
- RoHS Compliant

**Heat shrink version, Xtra-Flex HS-914 tubing, is also available**

**Insultab is ISO-9001:2008 Certified**



THE XTRA-FLEX HS-914 (NON SHRINK) DIFFERENCE

- **High performance, non-phthalate, Polyvinylchloride**
- **Outstanding flexibility**
- **Exceptional clarity**

**Operating Temperature Range:** -20°C to 60°C (-4°F to 140°F)

**Physical / Electrical Properties:**

Specific Gravity: 1.10  
Durometer: Shore D 33  
Tensile Strength: 2900 psi  
Ultimate Elongation: 400 psi  
Dielectric Strength: 650 vpm

**Chemical Resistance:**

Resistant to many chemicals including isopropyl alcohol and saline solution

AUTOCLAVE CYCLE TEST: 20 cycles @ 134°C 30 psig for 15 min. with fast dry cycle, followed by test for:		
Property	Test Method	Typical Value
Volume Resistivity @ 500 volts	ASTM D 257	No change from original
Dielectric Strength in air @ 500 kv/min rise	ASTM D 149	No change from original
Dielectric Constant @ 1 MHz	ASTM D 150	No change from original
Dissipation Factor @ 1 MHz	ASTM D 150	No change from original

*Note to User: It is imperative that manufacturers and end-users understand that the electro-surgical instruments should be placed separately, without overlay, on autoclave trays. Potential damage caused by overlay in the autoclave will significantly reduce this and any other dielectric insulator's ability to pass the 20 cycles of autoclave required by the AAMI.*

*All statements and recommendations are based on technical data that INSULTAB believes to be true and reliable. It is the responsibility of the user to determine functionality and suitability. If you have any questions on the use or handling of this product, please contact us at 800-468-4822.*

**Standard Dimensions — HS-914 (Non Shrink) can be customized**

Size	Supplied I.D.		Supplied Wall Nominal		Standard Packaging (per Box) Product is Supplied in Coils or on Plastic Spools	
	in.	mm	in.	mm	Ft. / Coil or Spool	Total Ft. / Box
3/32	.093	2.36	.020	0.51	1,000'	2,000'
1/8	.125	3.18	.020	0.51	1,000'	2,000'
3/16	.187	4.75	.020	0.51	1,000'	2,000'
1/4	.250	6.35	.025	0.64	500'	1,000'
3/8	.375	9.53	.025	0.64	200'	600'
1/2	.500	12.70	.025	0.64	200'	600'

**Standard Color: Crystal Clear — Custom tinting and custom colors are also available**

**We will manufacture to your precise specifications:**

- \* Custom diameters
- \* Custom wall thicknesses
- \* Custom cut lengths to extremely tight tolerances
- \* Custom color matching
- \* Custom printing with USP Class VI inks

*All information presented is believed to be reliable and is offered only as a guide to product selection. As each application is unique, Insultab can make no warranties as to the suitability of any products for a particular use. Specifications are subject to change.*



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