

- > Designed for use with IMI Norgren V6 multi-channel syringe pumps
- > Rated to 80 psi
- > Syringes available in various sizes between 25µL and 5mL
- > Available in various materials and tip styles
- > Incorporates a fine tuning design feature with Zero Dead Volume (ZDV) styles
- > Suitable for use in analytical, biotechnology and diagnostic applications



## Specifications

### Physical

#### Length (Dispensed)

4.61"

#### Thread Type

1/4-28 UNF-2A

#### Test Pressure

80 psi

### Chemical

#### Wetted Materials

Borosilicate Glass, PCTFE, PTFE  
(or UHMW-PE)

#### Syringe Tips

Lubricated with laboratory-  
grade Silicone

### Environmental

#### Operating Temperature

50°F to 104°F (10°C to 40°C)

#### Storage Temperature

13°F to 185°F (-25° to 85°C)

#### Relative Humidity

Up to 100%

## Mechanical Specifications

Syringe Sizes		25µl	50µl	100µl	250µl	500µl	1.0ml	1.25ml	2.5ml	5.0ml
Orifice Diameter (in)		0.016	0.024	0.032	0.039	0.076	0.076	0.076	0.076	0.076
Syringe (End Cap) Diameter (in)		0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6
*Max Drag Force (lbs)	PTFE	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	6.0
	UHMW	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	10.0

\*Add 1 pound drag force to non-lubricated plunger tip requests.

**PTFE Syringe Assembly:**

**Thread Type**

1/4-28 UNF-2A

**Wetted Materials**

Borosilicate glass, PCTFE, PTFE

**Fine Tuning Adjustment**

Zero Dead Volume Only

Size	Orifice	Standard Syringe	Zero Dead Volume (ZDV)
25µl*	0.016	29896	29898
50µl	0.024	29435	29856
100µl	0.032	29437	29858
250µl	0.039	29439	29441
500µl	0.076	29442	29443
1.0ml	0.076	29447	29448
1.25ml	0.076	29451	29450
2.5ml	0.076	29454	29452
5.0ml	0.076	29456	29458

\*also contains stainless steel in wetted path. Tip nose is 316L SS PTFE coated

**UHMW-PE Syringe Assembly:**

**Thread Type**

1/4-28 UNF-2A

**Wetted Materials**

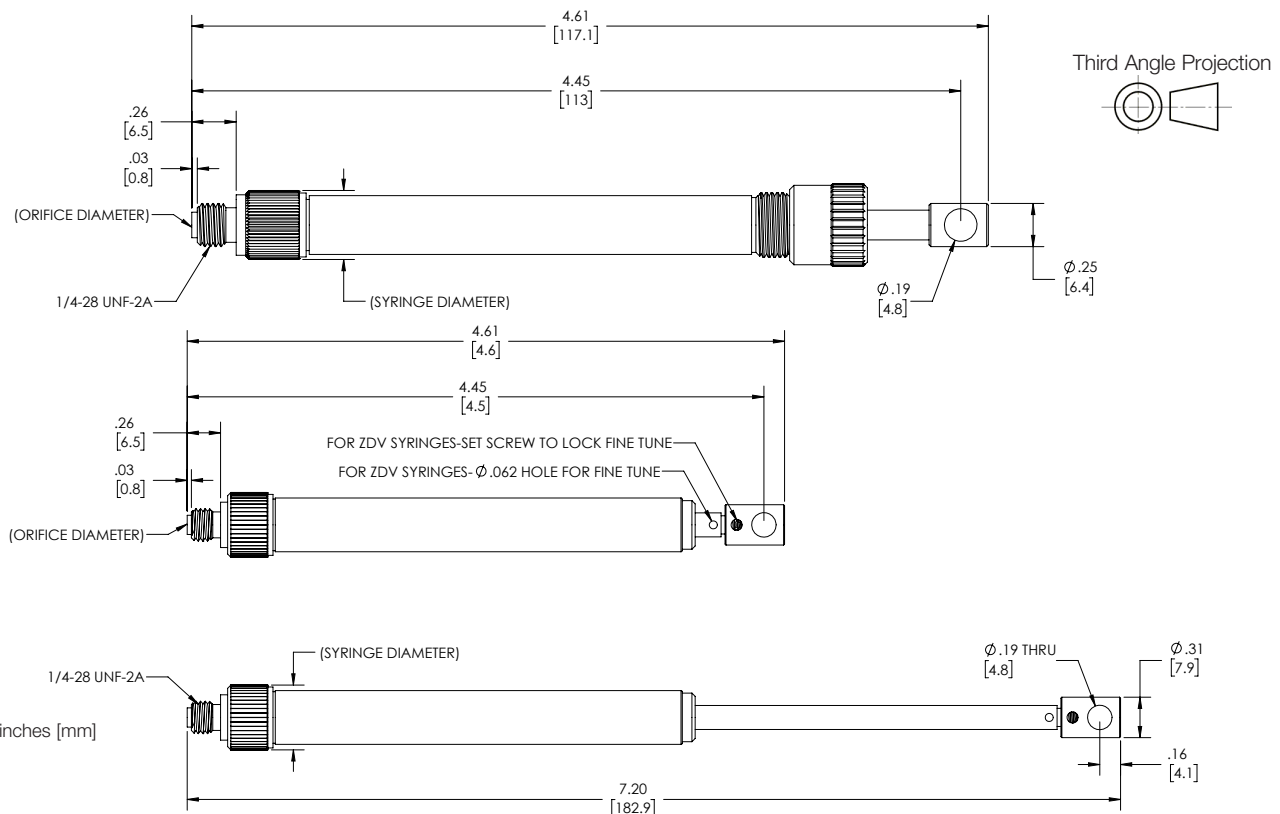
Borosilicate glass, PCTFE, UHMW-PE,

**Fine Tuning Adjustment**

Zero Dead Volume Only

Size	Orifice	Standard Syringe	Zero Dead Volume (ZDV)
25µl*	0.016	29897	29899
50µl	0.024	29436	29857
100µl	.0032	29438	29859
250µl	0.039	29440	29861
500µl	0.076	29444	29863
1.0ml	0.076	29445	29446
1.25ml	0.076	29864	29449
2.5ml	0.076	29455	29453
5.0ml	0.076	29457	29459

\*also contains stainless steel in wetted path. Tip nose is 316L SS PTFE coated



**Warning**

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

**Warranty**

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

**Proposition 65:** These products may contain chemicals known to the state of California to cause cancer, or birth defects, or other reproductive harm.