

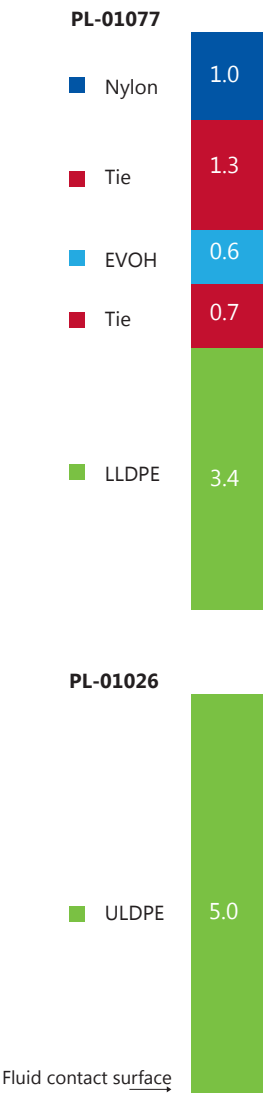
PL-01026 / PL-01077 POLYETHYLENE (PE) BAGS

ASI's PE single-use bags are designed for bio-pharmaceutical, laboratory and diagnostic applications. They are made from high quality, Class VI and NAO film that present extremely low extractables and have a complete testing package, validation protocol and NAO status.

ASI's single-use systems eliminate the requirement of steam sterilization, eliminate the concern of cross contamination, as well as greatly reduce the turnover time between batches.

PL-01026 / PL-01077
Polyethylene (PE)
Single-Use Bags

ASI's Polyethylene single-use bag systems are produced utilizing two films. The fluid contact film is a 5.0 mil Polyethylene (PL-01026). The outer is a 5 layer, 7 mil coextrusion film, which provides a barrier and durability (PL-01077).



BIOCOMPATIBILITY

USP Acute Systemic Injection Test	Pass	USP <88>
USP Intracutaneous Injection Test	Pass	USP <88>
USP Intramuscular Implantation Test	Pass	USP <88>
USP MEM Elution Method	Non-Cytotoxic	USP <87>
Physiochemical Test for Plastics	Pass	USP <661>

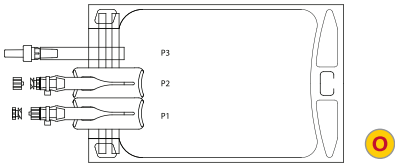
PHYSICAL DATA

Water Vapor Transmission Rate (g/100in ² /24hrs)	0.017	ASTM F-1249
Carbon Dioxide Transmission Rate (cc/100in ² /24hrs)	0.129	ASTM F-2476
Oxygen Transmission Rate (cc/100in ² /24hrs)	0.043	ASTM F-1927

	Average Force	Average MOE	Average Elongation	
Tensile	32.73 lbs	25110 psi	1080%	ASTM D 882-02
	Min Force	Average Force	Max Force	
Tear Resistance	6.77 lbs	7.21 lbs	7.74 lbs	ASTM D1004-07
Puncture Resistance	16.42 lbs	18.61 lbs	19.51 lbs	FTMS 101C

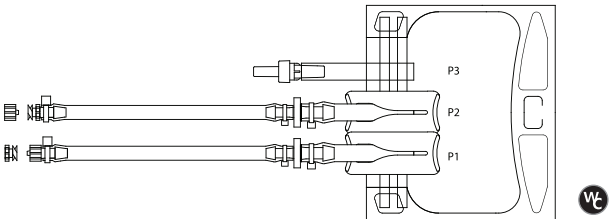
This Film is Class VI, Non-Animal Origin (NAO) and is supported by a Complete Testing / Documentation Package. For a complete Validation Package, contact an ASI representative at 800-724-4158.

- Port 1: LL Male + Cap, Slide Clamp
Port 2: LL Female + Cap, Slide Clamp
Port 3: Injection Site



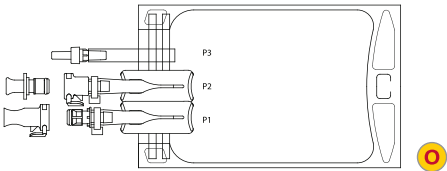
ASI Catalog #	Size
SS00024-I	100 mL
SS00025-I	250 mL
SS00026-I	500 mL
SS00027-I	1 Liter

- Port 1: 1/8" D x 1/4" OD Clear C-Flex 374 (12")
LL Male + Cap, Slide Clamp
Port 2: 1/8" D x 1/4" OD Clear C-Flex 374 (12")
LL Female + Cap, Slide Clamp
Port 3: Injection Site



ASI Catalog #	Size
SS00029-I	100 mL
SS00030-I	250 mL
SS00031-I	500 mL
SS00032-I	1 Liter

- Port 1: MPC Male + Cap, Slide Clamp
Port 2: MPC Female + Cap, Slide Clamp
Port 3: Injection Site



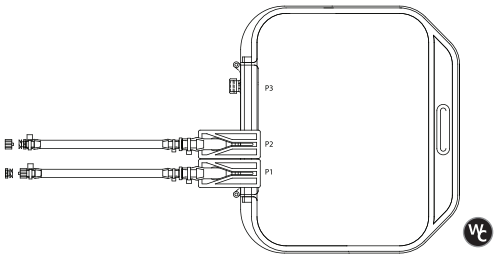
ASI Catalog #	Size
SS00034-I	100 mL
SS00035-I	250 mL
SS00036-I	500 mL
SS00037-I	1 Liter

- Port 1: LL Male + Cap, Slide Clamp
Port 2: LL Female + Cap, Slide Clamp
Port 3: Injection Site



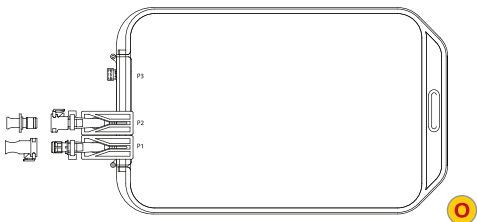
ASI Catalog #	Size
SS00028-I	2 Liter

- Port 1: 1/8" D x 1/4" OD Clear C-Flex 374 (12")
LL Male + Cap, Slide Clamp
Port 2: 1/8" D x 1/4" OD Clear C-Flex 374 (12")
LL Female + Cap, Slide Clamp
Port 3: Injection Site



ASI Catalog #	Size
SS00033-I	2 Liter

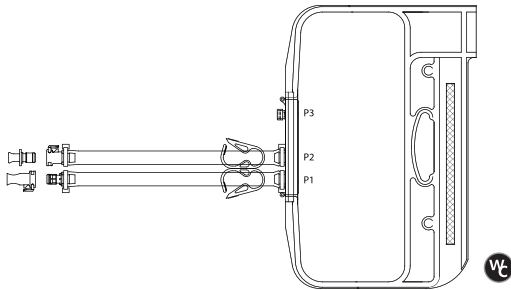
- Port 1: MPC Male + Cap, Slide Clamp
Port 2: MPC Female + Cap, Slide Clamp
Port 3: Injection Site



ASI Catalog #	Size
SS00038-I	2 Liter

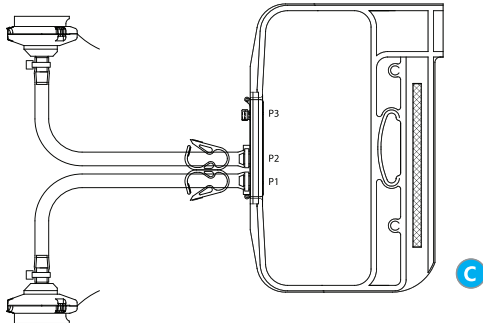
PL-01026 / PL-01077 POLYETHYLENE (PE) BAGS

- Port 1: 3/8" ID x 5/8" OD Clear C-Flex 374 (12")
MPC Male + Cap, Pinch Clamp
- Port 2: 3/8" ID x 5/8" OD Clear C-Flex 374 (12")
MPC Female + Cap, Pinch Clamp
- Port 3: Injection Site



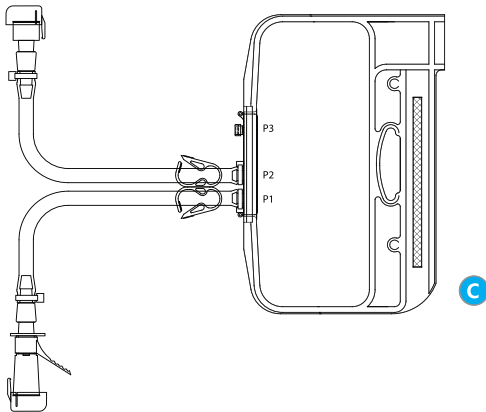
ASI Catalog #	Size	Tank #
SS00039-I	5 Liter	TK-0005
SS00040-I	10 Liter	TK-0010
SS00041-I	20 Liter	TK-0020

- Port 1: 3/8" ID x 5/8" OD Clear C-Flex,
Ready Mate / Clamp
- Port 2: 3/8" D x 3/8" OD Clear C-Flex,
Ready Mate / Clamp
- Port 3: Injection Site



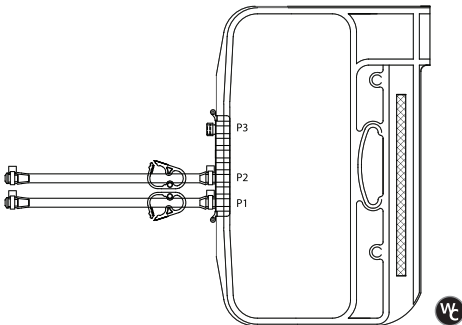
ASI Catalog #	Size	Tank #
SS00106-I	5 Liter	TK-0005
SS00107-I	10 Liter	TK-0010
SS00108-I	20 Liter	TK-0020

- Port 1: 3/8" ID x 5/8" OD Clear
C-Flex, Male Kleenpak / Clamp
- Port 2: 3/8" ID x 5/8" OD Clear
C-Flex, Female Kleenpak / Clamp
- Port 3: Injection Site



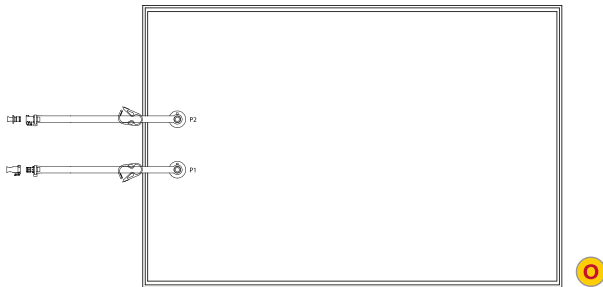
ASI Catalog #	Size	Tank #
SS00112-I	5 Liter	TK-0005
SS00113-I	10 Liter	TK-0010
SS00114-I	20 Liter	TK-0020

- Port 1: 1/4" D x 3/8" OD Clear C-Flex,
Plug / Pinch Clamp
- Port 2: 1/4" D x 3/8" OD Clear C-Flex,
Plug / Pinch Clamp
- Port 3: Injection Site



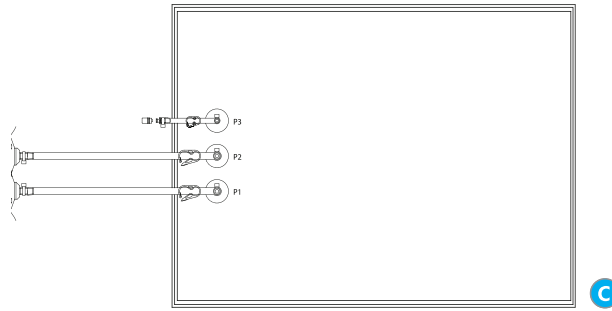
ASI Catalog #	Size	Tank #
SS00118-I	5 Liter	TK-0005
SS00119-I	10 Liter	TK-0010
SS00120-I	20 Liter	TK-0020

- Port 1: 3/8" ID x 5/8" OD Silicone
Tubing (20") MPC Male +
Cap, Pinch Clamp
- Port 2: 3/8" ID x 5/8" OD Silicone
Tubing (20") MPC Female +
Cap, Pinch Clamp



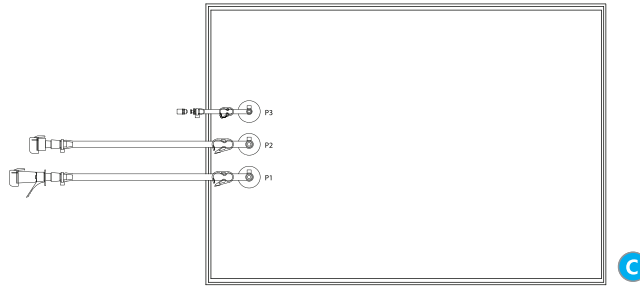
ASI Catalog #	Size	Tank #
SS00103-I	50 Liter	TK-0050-05
SS00104-I	100 Liter	TK-0100-05
SS00105-I	200 Liter	TK-0200-05

- Port 1: 3/8" ID x 5/8" OD Clear
C-Flex, Ready Mate / Clamp
- Port 2: 3/8" D x 3/8" OD Clear
C-Flex, Ready Mate / Clamp
- Port 3: Injection Site



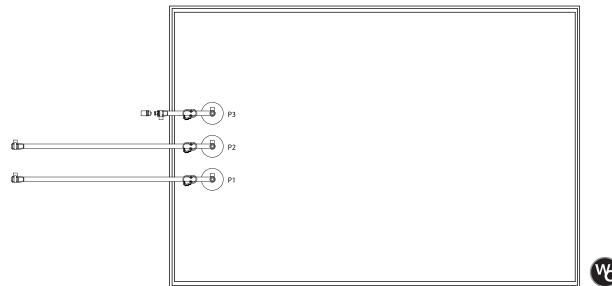
ASI Catalog #	Size	Tank #
SS00109-I	50 Liter	TK-0050-05
SS00110-I	100 Liter	TK-0100-05
SS00111-I	200 Liter	TK-0200-05

- Port 1: 3/8" ID x 5/8" OD Clear C-Flex,
Male Kleenpak / Clamp
- Port 2: 3/8" ID x 5/8" OD Clear C-Flex,
Female Kleenpak / Clamp
- Port 3: Injection Site



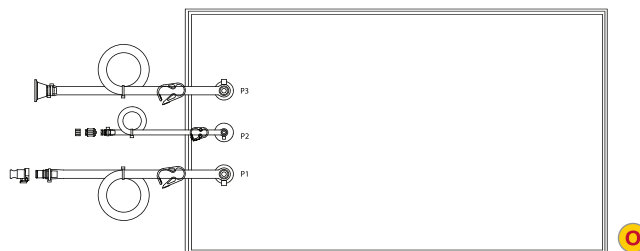
ASI Catalog #	Size	Tank #
SS00115-I	50 Liter	TK-0050-05
SS00116-I	100 Liter	TK-0100-05
SS00117-I	200 Liter	TK-0200-05

- Port 1: 1/4" D x 3/8" OD Clear C-Flex,
Plug / Pinch Clamp
- Port 2: 1/4" D x 3/8" OD Clear C-Flex,
Plug / Pinch Clamp
- Port 3: Injection Site



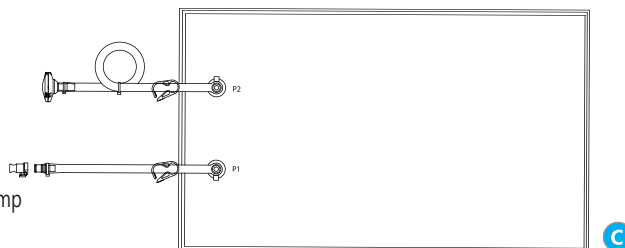
ASI Catalog #	Size	Tank #
SS00121-I	50 Liter	TK-0050-05
SS00122-I	100 Liter	TK-0100-05
SS00123-I	200 Liter	TK-0200-05

- Port 1: 1/2" ID x 3/4" OD Clear C-Flex
374 (60") MPX Male + Cap, Pinch Clamp
- Port 2: 1/8" ID x 1/4" OD Clear C-Flex
374 (40") Female Luer + Swabable
Valve + Cap, Pinch Clamp
- Port 3: 1/2" ID x 3/4" OD Clear C-Flex 374 (60")
1-1/2" Ladish Tri-Clover, Pinch Clamp



ASI Catalog #	Size	Tank #
SS00152-I	50 Liter	TK-0050-05
SS00153-I	100 Liter	TK-0100-05
SS00154-I	200 Liter	TK-0200-05

- Port 1: 1/2" ID x 3/4" OD Silicone Tubing (20")
MPX Male + Cap, Pinch Clamp
- Port 2: 1/2" ID x 3/4" OD Silicone Tubing (36")
ReadyMate DAC with 1/2" Barb, Pinch Clamp



ASI Catalog #	Size	Tank #
SS00155-I	50 Liter	TK-0050-05
SS00156-I	100 Liter	TK-0100-05
SS00157-I	200 Liter	TK-0200-05