



SAVANA® LAB DISC DISPOSABLE FILTERS

Small disc disposable filter for chemical R&D

Overview

Savana® Lab Disc disposable filters have been specially designed for simple, quick and efficient filtration of liquids used in laboratory, pilot and small-scale applications. Eight different media options with fitting options can be placed in an all-polypropylene or polyethylene shell construction for excellent chemical compatibility. The small, compact design of the filter capsule also reduces hold-up volume and exposure to hazardous chemicals. No adhesives, binders or surfactants are used in the manufacturing process. The unit is thermally sealed to ensure integrity.



Specifications

Materials:	Media	Hydrophobic polypropylene membrane
		Polypropylene media
		Polypropylene depth (only 65 mm)
		Hydrophilic polyethersulfone membrane
		Glass fiber
		Stainless steel (only 25 mm and 40 mm)
		Hydrophobic PTFE membrane
		Hydrophobic UPE membrane (only PE shell)
	Shell	Standard: Polypropylene
Fitting type:	Standard: BD Luer-Lok™, hose barb, NPT, compression	
Effective filtration area:	13 mm	0.8 cm ²
	25 mm	4.6 cm ²
	40 mm	10.5 cm ²
	50 mm	15.9 cm ²
	65 mm	26.0 cm ²
Operating conditions:	Maximum operating pressure	0.55 MPa @ 25°C
	Maximum forward differential pressure	0.3 MPa @ 20°C
	Maximum reverse differential pressure	0.2 MPa @ 20°C
	Maximum operating temperature	60°C

Ø 13 mm Disc Disposable Filter

Ordering Information

	Filter Media	Pore Size (µm)					
		PP Membrane	PP Media	PES Membrane	PTFE Membrane	UPE Membrane	Glass Fiber
SVL13	A = PTFE membrane	010 = 0.1	030 = 0.3	005 = 0.05	020 = 0.2	010 = 0.1	050 = 0.5
	B = UPE membrane	020 = 0.2	060 = 0.6	010 = 0.1	100 = 1.0	020 = 0.2	100 = 1.0
	C = PP membrane		100 = 1.0	020 = 0.2	300 = 3.0	050 = 0.5	300 = 3.0
	D = PP media		300 = 3.0	045 = 0.45	10H = 10	100 = 1.0	500 = 5.0
	F = PES membrane		500 = 5.0	065 = 0.65			10H = 10
	G = Glass fiber		10H = 10	080 = 0.8			20H = 20
			20H = 20	120 = 1.2			30H = 30
			30H = 30				
			40H = 40				
			50H = 50				
			70H = 70				
			15K = 150				

Inlet Fitting	Outlet Fitting	Shell Material	Quantity
A = 1/16" hose barb	A = 1/16" hose barb	A = PP	25 = 25/pack
B = 1/8" hose barb	B = 1/8" hose barb	B = PE	
Q = BD Luer-Lok female	Q = BD Luer-Lok female	C = Gamma stable PP	
R = BD Luer-Lok male	R = BD Luer-Lok male		
S = BD Luer-Lok male slip	S = BD Luer-Lok male slip		

Example: **SVL13F010RSA25**

Size = 13 mm

Filter media = PES membrane

Pore size = 0.1 µm

Inlet fitting = BD Luer-Lok male

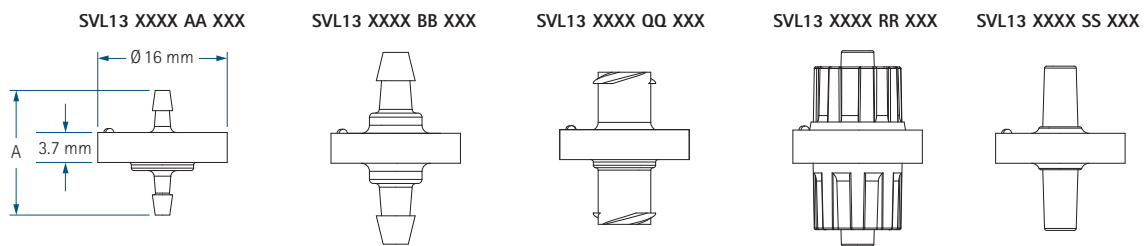
Outlet fitting = BD Luer-Lok male slip

Shell material = PP

Quantity = 25/pack

Note: The PE shell utilizes a UPE membrane.

Dimensions



Part Number	Inlet Fitting	Outlet Fitting	A: Size (mm)
SVL13 XXXX AA XXXX	1/16" hose barb	1/16" hose barb	15
SVL13 XXXX BB XXXX	1/8" hose barb	1/8" hose barb	24
SVL13 XXXX QQ XXXX	BD Luer-Lok female	BD Luer-Lok female	19
SVL13 XXXX RR XXXX	BD Luer-Lok male	BD Luer-Lok male	24
SVL13 XXXX SS XXXX	BD Luer-Lok male slip	BD Luer-Lok male slip	20

Ø 25 mm Disc Disposable Filter

Ordering Information

	Filter Media	Pore Size (µm)						
		PP Membrane	PP Media	PES Membrane	PTFE Membrane	UPE Membrane	Glass Fiber	Stainless Steel
SVL25	A = PTFE membrane	010 = 0.1	030 = 0.3	005 = 0.05	020 = 0.2	010 = 0.1	050 = 0.5	18H = 18
	B = UPE membrane	020 = 0.2	060 = 0.6	010 = 0.1	100 = 1.0	020 = 0.2	100 = 1.0	20H = 20
	C = PP membrane		100 = 1.0	020 = 0.2	300 = 3.0	050 = 0.5	300 = 3.0	
	D = PP media		300 = 3.0	045 = 0.45	10H = 10	100 = 1.0	500 = 5.0	
	F = PES membrane		500 = 5.0	065 = 0.65			10H = 10	
	G = Glass fiber		10H = 10	080 = 0.8			20H = 20	
	H = Stainless steel		20H = 20	120 = 1.2			30H = 30	
			30H = 30					
			40H = 40					
			50H = 50					
			70H = 70					
			10K = 100					
			15K = 150					

Inlet Fitting	Outlet Fitting	Shell Material	Quantity	Quick Coupling O-ring
A = 1/16" hose barb	A = 1/16" hose barb	A = PP	25 = 25/pack	S = Silicon
B = 1/8" hose barb	B = 1/8" hose barb	B = PE		E = EPDM
C = 3/16" hose barb	C = 3/16" hose barb	C = Gamma stable PP		N = NBR
D = 1/4" hose barb	D = 1/4" hose barb			V = FKM
F = 1/8" compression	F = 1/8" compression			(Blank = other fitting)
H = 1/8" MNPT	H = 1/8" MNPT			
Q = BD Luer-Lok female	Q = BD Luer-Lok female			
R = BD Luer-Lok male	R = BD Luer-Lok male			
S = BD Luer-Lok male slip	S = BD Luer-Lok male slip			
X = 1/8" male quick coupling	X = 1/8" male quick coupling			
9 = 1/4"-28 thread female	9 = 1/4"-28 thread female			

Example: **SVL25F010RSA25**

Size = 25 mm

Filter media = PES membrane

Pore size = 0.1 µm

Inlet fitting = BD Luer-Lok male

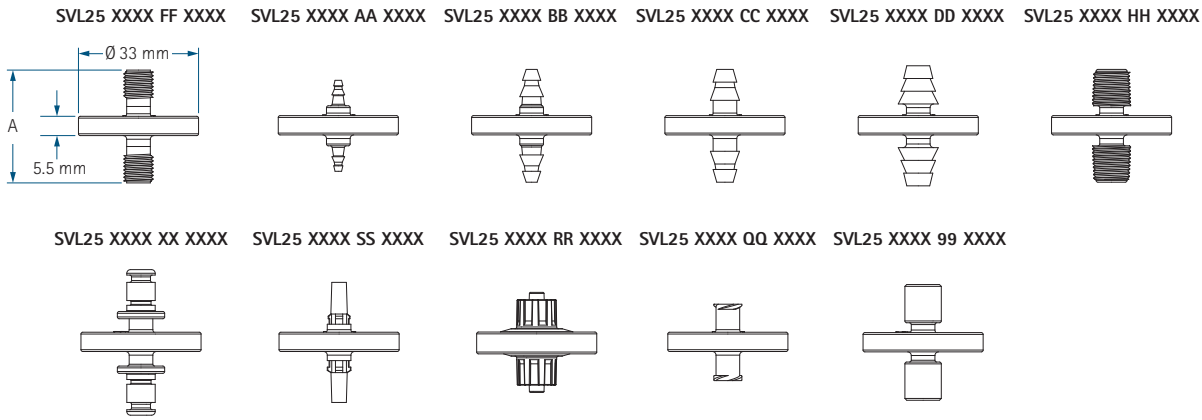
Outlet fitting = BD Luer-Lok male slip

Shell material = PP

Quantity = 25/pack

Note: The PE shell utilizes a UPE membrane.

Dimensions



Part Number	Inlet Fitting	Outlet Fitting	A: Size (mm)
SVL25 XXXX FF XXXX	1/8" compression	1/8" compression	31
SVL25 XXXX AA XXXX	1/16" hose barb	1/16" hose barb	25
SVL25 XXXX BB XXXX	1/8" hose barb	1/8" hose barb	31
SVL25 XXXX CC XXXX	3/16" hose barb	3/16" hose barb	31
SVL25 XXXX DD XXXX	1/4" hose barb	1/4" hose barb	33
SVL25 XXXX HH XXXX	1/8" MNPT	1/8" MNPT	31
SVL25 XXXX XX XXXX	1/8" male quick coupling	1/8" male quick coupling	40
SVL25 XXXX SS XXXX	BD Luer-Lok male slip	BD Luer-Lok male slip	33
SVL25 XXXX RR XXXX	BD Luer-Lok male	BD Luer-Lok male	30
SVL25 XXXX QQ XXXX	BD Luer-Lok female	BD Luer-Lok female	21
SVL25 XXXX 99 XXXX	1/4"-28UNF-2B	1/4"-28UNF-2B	32

Ø 40 mm Disc Disposable Filter

Ordering Information

	Filter Media	Pore Size (µm)						
		PP Membrane	PP Media	PES Membrane	PTFE Membrane	UPE Membrane	Glass Fiber	Stainless Steel
SVL40	A = PTFE membrane	010 = 0.1	030 = 0.3	005 = 0.05	020 = 0.2	010 = 0.1	050 = 0.5	18H = 18
	B = UPE membrane	020 = 0.2	060 = 0.6	010 = 0.1	100 = 1.0	020 = 0.2	100 = 1.0	
	C = PP membrane		100 = 1.0	020 = 0.2	300 = 3.0	050 = 0.5	300 = 3.0	
	D = PP media		300 = 3.0	045 = 0.45	10H = 10	100 = 1.0	500 = 5.0	
	F = PES membrane		500 = 5.0	065 = 0.65			10H = 10	
	G = Glass fiber		10H = 10	080 = 0.8			20H = 20	
	H = Stainless steel		20H = 20	120 = 1.2			30H = 30	
			30H = 30					
			40H = 40					
			50H = 50					
			70H = 70					

Inlet Fitting	Outlet Fitting	Shell Material	Quantity	Quick Coupling O-ring
A = 1/16" hose barb	A = 1/16" hose barb	A = PP	10 = 10/pack	S = Silicon
B = 1/8" hose barb	B = 1/8" hose barb	B = PE		E = EPDM
C = 3/16" hose barb	C = 3/16" hose barb	C = Gamma stable PP		N = NBR
D = 1/4" hose barb	D = 1/4" hose barb			V = FKM
F = 1/8" compression	F = 1/8" compression			(Blank = other fitting)
H = 1/8" MNPT	H = 1/8" MNPT			
Q = BD Luer-Lok female	Q = BD Luer-Lok female			
R = BD Luer-Lok male	R = BD Luer-Lok male			
S = BD Luer-Lok male slip	S = BD Luer-Lok male slip			
X = 1/8" male quick coupling	X = 1/8" male quick coupling			
9 = 1/4"-28 thread female	9 = 1/4"-28 thread female			

Example: **SVL40F010RSA10**

Size = 40 mm

Filter media = PES membrane

Pore size = 0.1 µm

Inlet fitting = BD Luer-Lok male

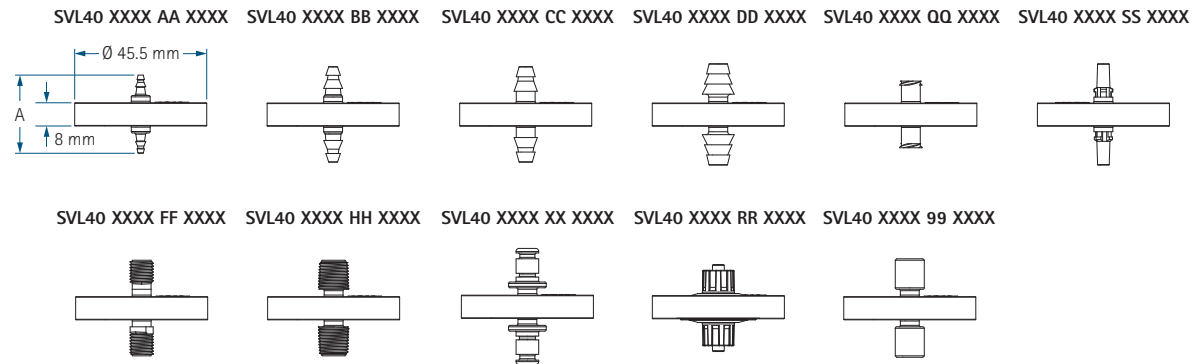
Outlet fitting = BD Luer-Lok male slip

Shell material = PP

Quantity = 10/pack

Note: The PE shell utilizes a UPE membrane.

Dimensions



Part Number	Inlet Fitting	Outlet Fitting	A: Size (mm)
SVL40 XXXX AA XXXX	1/16" hose barb	1/16" hose barb	27
SVL40 XXXX BB XXXX	1/8" hose barb	1/8" hose barb	33
SVL40 XXXX CC XXXX	3/16" hose barb	3/16" hose barb	33
SVL40 XXXX DD XXXX	1/4" hose barb	1/4" hose barb	35
SVL40 XXXX QQ XXXX	BD Luer-Lok female	BD Luer-Lok female	20
SVL40 XXXX SS XXXX	BD Luer-Lok male slip	BD Luer-Lok male slip	35
SVL40 XXXX FF XXXX	1/8" compression	1/8" compression	33
SVL40 XXXX HH XXXX	1/8" MNPT	1/8" MNPT	33
SVL40 XXXX XX XXXX	1/8" male quick coupling	1/8" male quick coupling	40
SVL40 XXXX RR XXXX	BD Luer-Lok male	BD Luer-Lok male	35
SVL40 XXXX 99 XXXX	1/4"-28UNF-2B	1/4"-28UNF-2B	34

Ø 50 mm Disc Disposable Filter

Ordering Information

	Filter Media	Pore Size (µm)					
		PP Membrane	PP Media	PES Membrane	PTFE Membrane	UPE Membrane	Glass Fiber
SVL50	A = PTFE membrane	010 = 0.1	030 = 0.3	005 = 0.05	020 = 0.2	010 = 0.1	050 = 0.5
	B = UPE membrane	020 = 0.2	060 = 0.6	010 = 0.1	100 = 1.0	020 = 0.2	100 = 1.0
	C = PP membrane		100 = 1.0	020 = 0.2	300 = 3.0	050 = 0.5	300 = 3.0
	D = PP media		300 = 3.0	045 = 0.45	10H = 10	100 = 1.0	500 = 5.0
	F = PES membrane		500 = 5.0	065 = 0.65			10H = 10
	G = Glass fiber		10H = 10	080 = 0.8			20H = 20
			20H = 20	120 = 1.2			30H = 30
			30H = 30				
			40H = 40				
			50H = 50				
			70H = 70				
			15K = 150				

Inlet Fitting	Outlet Fitting	Shell Material	Quantity	Quick Coupling O-ring
B = 1/8" hose barb	B = 1/8" hose barb	A = PP	10 = 10/pack	S = Silicon
D = 1/4" hose barb	D = 1/4" hose barb	B = PE		E = EPDM
G = 1/4" compression	G = 1/4" compression	C = Gamma stable PP		N = NBR
H = 1/8" MNPT	H = 1/8" MNPT			V = FKM
J = 1/4" MNPT	J = 1/4" MNPT			(Blank = other fitting)
M = 1/8" FNPT	M = 1/8" FNPT			
N = 1/4" FNPT	N = 1/4" FNPT			
Q = BD Luer-Lok female	Q = BD Luer-Lok female			
T = 1/8" female quick coupling	T = 1/8" female quick coupling			
X = 1/8" male quick coupling	X = 1/8" male quick coupling			
8 = 3/8" tube seal	8 = 3/8" tube seal			

Example: **SVL50F010BQA10**

Size = 50 mm

Filter media = PES membrane

Pore size = 0.1 µm

Inlet fitting = 1/8" hose barb

Outlet fitting = BD Luer-Lok female

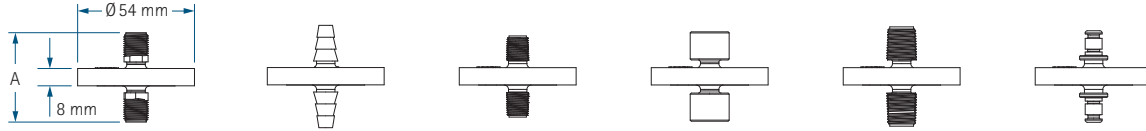
Shell material = PP

Quantity = 10/pack

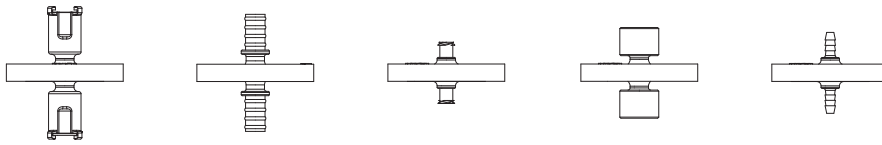
Note: The PE shell utilizes a UPE membrane.

Dimensions

SVL50 XXXX GG XXXX SVL50 XXXX DD XXXX SVL50 XXXX HH XXXX SVL50 XXXX MM XXXX SVL50 XXXX JJ XXXX SVL50 XXXX XX XXXX



SVL50 XXXX TT XXXX SVL50 XXXX 88 XXXX SVL50 XXXX QQ XXXX SVL50 XXXX NN XXXX SVL50 XXXX BB XXXX



Part Number	Inlet Fitting	Outlet Fitting	A: Size (mm)
SVL50 XXXX GG XXXX	1/4" compression	1/4" compression	41
SVL50 XXXX DD XXXX	1/4" hose barb	1/4" hose barb	46
SVL50 XXXX HH XXXX	1/8" MNPT	1/8" MNPT	36
SVL50 XXXX MM XXXX	1/8" FNPT	1/8" FNPT	38
SVL50 XXXX JJ XXXX	1/4" MNPT	1/4" MNPT	45
SVL50 XXXX XX XXXX	1/8" male quick coupling	1/8" male quick coupling	42
SVL50 XXXX TT XXXX	1/8" female quick coupling	1/8" female quick coupling	61
SVL50 XXXX 88 XXXX	3/8" tube seal	3/8" tube seal	54
SVL50 XXXX QQ XXXX	BD Luer-Lok female	BD Luer-Lok female	28
SVL50 XXXX NN XXXX	1/4" FNPT	1/4" FNPT	41
SVL50 XXXX BB XXXX	1/8" hose barb	1/8" hose barb	37

Ø 65 mm Disc Disposable Filter

Ordering Information

	Filter Media	Pore Size (µm)						
		PP Membrane	PP Media	PP Depth	PES Membrane	PTFE Membrane	UPE Membrane	Glass Fiber
SVL65	A = PTFE membrane	010 = 0.1	030 = 0.3	020 = 0.2	005 = 0.05	020 = 0.2	010 = 0.1	050 = 0.5
	B = UPE membrane	020 = 0.2	060 = 0.6	050 = 0.5	010 = 0.1	100 = 1.0	020 = 0.2	100 = 1.0
	C = PP membrane		100 = 1.0	100 = 1.0	020 = 0.2	300 = 3.0	050 = 0.5	300 = 3.0
	D = PP media		300 = 3.0	150 = 1.5	045 = 0.45	10H = 10	100 = 1.0	500 = 5.0
	E = PP depth		500 = 5.0	250 = 2.5	065 = 0.65			10H = 10
	F = PES membrane		10H = 10	450 = 4.5	080 = 0.8			20H = 20
	G = Glass fiber		20H = 20	10H = 10	120 = 1.2			30H = 30
			30H = 30	20H = 20				
			40H = 40					
			50H = 50					
			70H = 70					
			15K = 150					

Inlet Fitting	Outlet Fitting	Shell Material	Vent	Quantity	Quick Coupling O-ring
B = 1/8" hose barb	B = 1/8" hose barb	A = PP	A = with vent	05 = 5/pack	S = Silicon
D = 1/4" hose barb	D = 1/4" hose barb	B = PE	B = without vent		E = EPDM
E = 5/16" hose barb	E = 5/16" hose barb	C = Gamma stable PP			N = NBR
J = 1/4" MNPT	J = 1/4" MNPT				V = FKM
K = 3/8" MNPT	K = 3/8" MNPT				(Blank = other fitting)
L = 1/2" MNPT	L = 1/2" MNPT				
M = 1/8" FNPT	M = 1/8" FNPT				
N = 1/4" FNPT	N = 1/4" FNPT				
P = 3/8" FNPT	P = 3/8" FNPT				
Q = BD Luer-Lok female	Q = BD Luer-Lok female				
T = 1/8" female quick coupling	T = 1/8" female quick coupling				
W = 1/4" female quick coupling with metal latch	W = 1/4" female quick coupling with metal latch				
Y = 1/4" male quick coupling for metal latch	Y = 1/4" male quick coupling for metal latch				
X = 1/8" male quick coupling	X = 1/8" male quick coupling				
5 = 1/2" tri clamp	5 = 1/2" tri clamp				
6 = 1.5" tri clamp	6 = 1.5" tri clamp				

Example: **SVL65F010BQAA05**

Size = 65 mm

Filter media = PES membrane

Pore size = 0.1 µm

Inlet fitting = 1/8" hose barb

Outlet fitting = BD Luer-Lok female

Shell material = PP

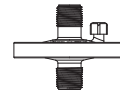
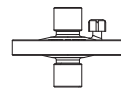
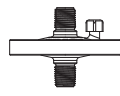
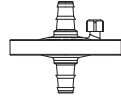
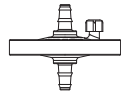
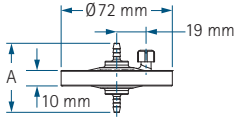
Vent = with vent

Quantity = 5/pack

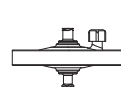
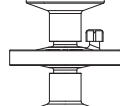
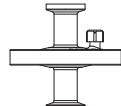
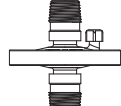
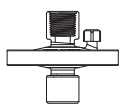
Note: The PE shell utilizes a UPE membrane.

Dimensions

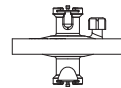
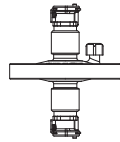
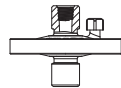
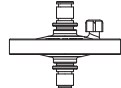
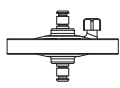
SVL65 XXXX BB XXXX SVL65 XXXX DD XXXX SVL65 XXXX EE XXXX SVL65 XXXX JJ XXXX SVL65 XXXX NN XXXX SVL65 XXXX KK XXXX



SVL65 XXXX PP XXXX SVL65 XXXX LL XXXX SVL65 XXXX 55 XXXX SVL65 XXXX 66 XXXX SVL65 XXXX QQ XXXX



SVL65 XXXX XX XXXX SVL65 XXXX YY XXXX SVL65 XXXX MM XXXX SVL65 XXXX TT XXXX SVL65 XXXX WW XXXX



Part Number	Inlet Fitting	Outlet Fitting	A: Size (mm)
SVL65 XXXX BB XXXX	1/8" hose barb	1/8" hose barb	45
SVL65 XXXX DD XXXX	1/4" hose barb	1/4" hose barb	55
SVL65 XXXX EE XXXX	5/16" hose barb	5/16" hose barb	59
SVL65 XXXX JJ XXXX	1/4" MNPT	1/4" MNPT	51
SVL65 XXXX NN XXXX	1/4" FNPT	1/4" FNPT	52
SVL65 XXXX KK XXXX	3/8" MNPT	3/8" MNPT	55
SVL65 XXXX PP XXXX	3/8" FNPT	3/8" FNPT	60
SVL65 XXXX LL XXXX	1/2" MNPT	1/2" MNPT	74
SVL65 XXXX 55 XXXX	1/2" tri clamp	1/2" tri clamp	69
SVL65 XXXX 66 XXXX	1.5" tri clamp	1.5" tri clamp	76
SVL65 XXXX QQ XXXX	BD Luer-Lok female	BD Luer-Lok female	38
SVL65 XXXX XX XXXX	1/8" male quick coupling	1/8" male quick coupling	45
SVL65 XXXX YY XXXX	1/4" male quick coupling	1/4" male quick coupling	58
SVL65 XXXX MM XXXX	1/8" FNPT	1/8" FNPT	52
SVL65 XXXX TT XXXX	1/8" female quick coupling	1/8" female quick coupling	52
SVL65 XXXX WW XXXX	1/4" female quick coupling	1/4" female quick coupling	50

For More Information

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit www.entegris.com and select the Customer Service link for the center nearest you.

Terms and Conditions of Sale

All purchases are subject to Entegris' Terms and Conditions of Sale. To view and print this information, visit www.entegris.com and select the Legal Notices link from the footer.

Entegris®, the Entegris Rings Design®, Creating a Material Advantage® and Savana® are registered trademarks of Entegris, Inc. BD Luer-Lok™ is a trademark of Becton Dickinson and Company.

ENTEGRIS, INC.

Corporate Headquarters | 129 Concord Road | Billerica, MA 01821 USA
Customer Service Tel. +1 952 556 4181 | Customer Service Fax +1 952 556 8022
In North America 800 394 4083 | www.entegris.com