

# Savana® Lab IJ Disc Disposable Filter

*Black PP shell small disc disposable filter for UV blocking*

The Savana® Lab IJ Disc Disposable Filter has been specially designed for simple, quick, and efficient filtration, and uses polypropylene nonwoven media bonded into a black polypropylene shell that has a light-blocking effect during filtration of inks and other photosensitive materials. 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.

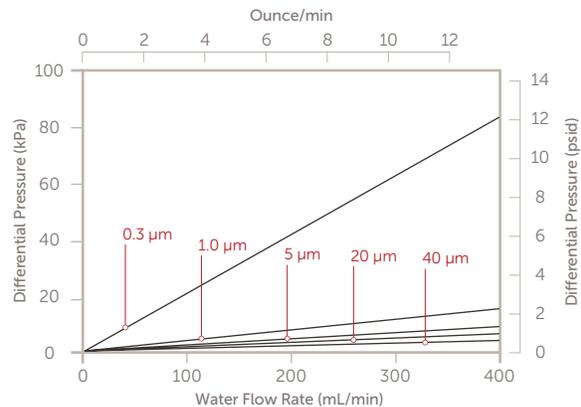


## SPECIFICATIONS

<b>Materials of construction</b>	Media	Polypropylene media (nonwoven)
	Shell	Black polypropylene
<b>Fitting type</b>	Standard: BD Luer-Lok™, hose barb, NPT, compression	
<b>Effective filtration area</b>	13 mm	0.8 cm <sup>2</sup> (0.1 in <sup>2</sup> )
	25 mm	4.6 cm <sup>2</sup> (0.7 in <sup>2</sup> )
	40 mm	10.5 cm <sup>2</sup> (1.6 in <sup>2</sup> )
	50 mm	15.9 cm <sup>2</sup> (2.5 in <sup>2</sup> )
	65 mm	26.0 cm <sup>2</sup> (4.0 in <sup>2</sup> )
<b>Maximum operating conditions</b>	Maximum operating pressure: 0.55 MPa @ 25°C (77°F)	
	Maximum forward differential pressure: 0.3 MPa @ 20°C (68°F)	
	Maximum reverse differential pressure: 0.2 MPa @ 20°C (68°F)	
	Maximum operating temperature: 60°C (140°F)	

## PERFORMANCE DATA

### 40 mm Size In/Out BD Luer-Lok Female Fittings



# Ø13 mm Disc Disposable Filter

## ORDERING INFORMATION

	PORE SIZE	INLET FITTING	OUTLET FITTING	QUANTITY
SVLJ13	030 = 0.3 µm 060 = 0.6 µm 100 = 1.0 µm 300 = 3.0 µm 500 = 5.0 µm 10H = 10 µm 20H = 20 µm 30H = 30 µm 40H = 40 µm 50H = 50 µm 70H = 70 µm 15K = 150 µm	A = 1/16" hose barb B = 1/8" hose barb Q = BD Luer-Lok female R = BD Luer-Lok male S = BD Luer-Lok male slip	A = 1/16" hose barb B = 1/8" hose barb Q = BD Luer-Lok female R = BD Luer-Lok male S = BD Luer-Lok male slip	25 = 25/pack

Example: **SVLJ13030RS25**

Size = 13 mm

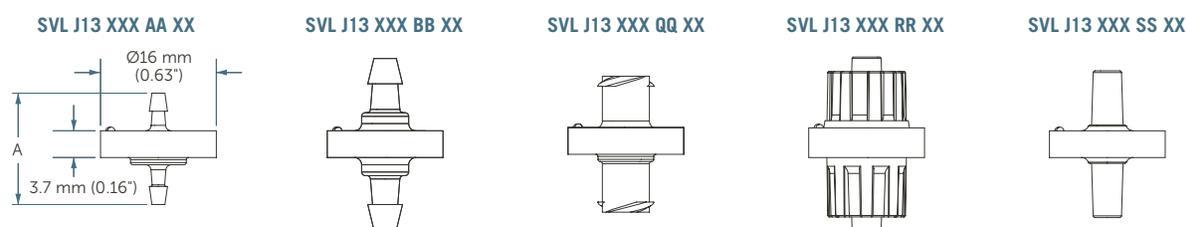
Pore size = 0.3 µm

Inlet fitting = BD Luer-Lok male

Outlet fitting = BD Luer-Lok male slip

Quantity = 25/pack

## DIMENSIONS



Part number	Inlet fitting	Outlet fitting	Dimension A
SVL J13 XXX AA XX	1/16" hose barb	1/16" hose barb	15 mm (0.59")
SVL J13 XXX BB XX	1/8" hose barb	1/8" hose barb	24 mm (0.94")
SVL J13 XXX QQ XX	BD Luer-Lok female	BD Luer-Lok female	19 mm (0.75")
SVL J13 XXX RR XX	BD Luer-Lok male	BD Luer-Lok male	24 mm (0.94")
SVL J13 XXX SS XX	BD Luer-Lok male slip	BD Luer-Lok male slip	20 mm (0.79")

# Ø25 mm Disc Disposable Filter

## ORDERING INFORMATION

	PORE SIZE	INLET FITTING	OUTLET FITTING	QUANTITY	QUICK COUPLING O-RING
SVL J25	030 = 0.3 µm	A = 1/16" hose barb	A = 1/16" hose barb	25 = 25/pack	S = Silicon
	060 = 0.6 µm	B = 1/8" hose barb	B = 1/8" hose barb		E = EPDM
	100 = 1.0 µm	C = 3/16" hose barb	C = 3/16" hose barb		N = NBR
	300 = 3.0 µm	D = 1/4" hose barb	D = 1/4" hose barb		V = FKM
	500 = 5.0 µm	F = 1/8" compression	F = 1/8" compression		Blank = Other fitting
	10H = 10 µm	H = 1/8" MNPT	H = 1/8" MNPT		
	20H = 20 µm	Q = BD Luer-Lok female	Q = BD Luer-Lok female		
	30H = 30 µm	R = BD Luer-Lok male	R = BD Luer-Lok male		
	40H = 40 µm	S = BD Luer-Lok male slip	S = BD Luer-Lok male slip		
	50H = 50 µm	X = 1/8" male quick coupling	X = 1/8" male quick coupling		
	70H = 70 µm	9 = 1/4"-28 thread female	9 = 1/4"-28 thread female		
	10K = 100 µm				
	15K = 150 µm				

Example: **SVLJ25030RS25**

Size = 25 mm

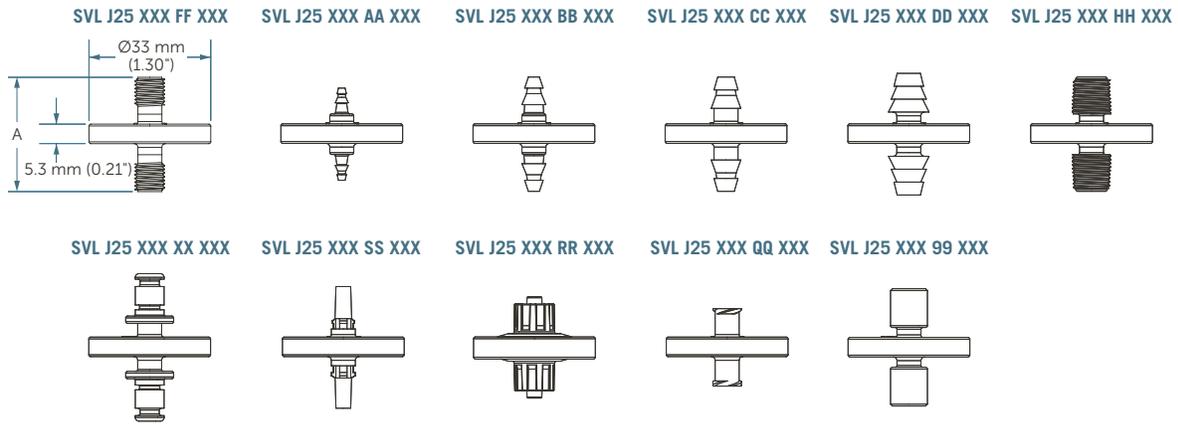
Pore size = 0.3 µm

Inlet fitting = BD Luer-Lok male

Outlet fitting = BD Luer-Lok male slip

Quantity = 25/pack

## DIMENSIONS



Part number	Inlet fitting	Outlet fitting	Dimension A
SVLJ25 XXX FF XXX	1/8" compression	1/8" compression	31 mm (1.22")
SVLJ25 XXX AA XXX	1/16" hose barb	1/16" hose barb	25 mm (0.98")
SVLJ25 XXX BB XXX	1/8" hose barb	1/8" hose barb	31 mm (1.22")
SVLJ25 XXX CC XXX	3/16" hose barb	3/16" hose barb	31 mm (1.22")
SVLJ25 XXX DD XXX	1/4" hose barb	1/4" hose barb	33 mm (1.30")
SVLJ25 XXX HH XXX	1/8" MNPT	1/8" MNPT	31 mm (1.22")
SVLJ25 XXX XX XXX	1/8" male quick coupling	1/8" male quick coupling	40 mm (1.57")
SVLJ25 XXX SS XXX	BD Luer-Lok male slip	BD Luer-Lok male slip	33 mm (1.30")
SVLJ25 XXX RR XXX	BD Luer-Lok male	BD Luer-Lok male	33 mm (1.30")
SVLJ25 XXX QQ XXX	BD Luer-Lok female	BD Luer-Lok female	21 mm (0.83")
SVLJ25 XXX 99 XXX	1/4"-28UNF-2B	1/4"-28UNF-2B	32 mm (1.26")

The specifications of products are subject to change without notice.

# Ø40 mm Disc Disposable Filter

## ORDERING INFORMATION

	PORE SIZE	INLET FITTING	OUTLET FITTING	QUANTITY	QUICK COUPLING O-RING
SVL J40	030 = 0.3 µm	A = 1/16" hose barb	A = 1/16" hose barb	10 = 10/pack	S = Silicon
	060 = 0.6 µm	B = 1/8" hose barb	B = 1/8" hose barb		E = EPDM
	100 = 1.0 µm	C = 3/16" hose barb	C = 3/16" hose barb		N = NBR
	300 = 3.0 µm	D = 1/4" hose barb	D = 1/4" hose barb		V = FKM
	500 = 5.0 µm	F = 1/8" compression	F = 1/8" compression		Blank = Other fitting
	10H = 10 µm	H = 1/8" MNPT	H = 1/8" MNPT		
	20H = 20 µm	Q = BD Luer-Lok female	Q = BD Luer-Lok female		
	30H = 30 µm	R = BD Luer-Lok male	R = BD Luer-Lok male		
	40H = 40 µm	S = BD Luer-Lok male slip	S = BD Luer-Lok male slip		
	50H = 50 µm	X = 1/8" male quick coupling	X = 1/8" male quick coupling		
	70H = 70 µm	9 = 1/4"-28 thread female	9 = 1/4"-28 thread female		

Example: **SVLJ40030RS10**

Size = 40 mm

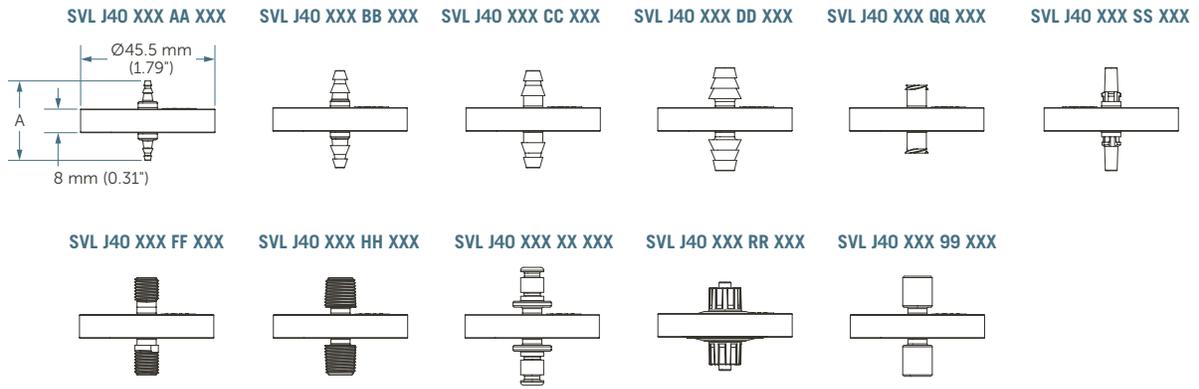
Pore size = 0.3 µm

Inlet fitting = BD Luer-Lok male

Outlet fitting = BD Luer-Lok male slip

Quantity = 10/pack

## DIMENSIONS



Part number	Inlet fitting	Outlet fitting	Dimension A
SVLJ40 XXX AA XXX	1/16" hose barb	1/16" hose barb	27 mm (1.06")
SVLJ40 XXX BB XXX	1/8" hose barb	1/8" hose barb	33 mm (1.30")
SVLJ40 XXX CC XXX	3/16" hose barb	3/16" hose barb	33 mm (1.30")
SVLJ40 XXX DD XXX	1/4" hose barb	1/4" hose barb	35 mm (1.38")
SVLJ40 XXX QQ XXX	BD Luer-Lok female	BD Luer-Lok female	23 mm (0.91")
SVLJ40 XXX SS XXX	BD Luer-Lok male slip	BD Luer-Lok male slip	35 mm (1.38")
SVLJ40 XXX FF XXX	1/8" compression	1/8" compression	33 mm (1.30")
SVLJ40 XXX HH XXX	1/8" MNPT	1/8" MNPT	33 mm (1.30")
SVLJ40 XXX XX XXX	1/8" male quick coupling	1/8" male quick coupling	40 mm (1.57")
SVLJ40 XXX RR XXX	BD Luer-Lok male	BD Luer-Lok male	30 mm (1.18")
SVLJ40 XXX 99 XXX	1/4"-28UNF-2B	1/4"-28UNF-2B	34 mm (1.34")

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# Ø50 mm Disc Disposable Filter

## ORDERING INFORMATION

	PORE SIZE	INLET FITTING	OUTLET FITTING	QUANTITY	QUICK COUPLING O-RING
SVL J50	030 = 0.3 µm	B = 1/8" hose barb	B = 1/8" hose barb	10 = 10/pack	S = Silicon
	060 = 0.6 µm	D = 1/4" hose barb	D = 1/4" hose barb		E = EPDM
	100 = 1.0 µm	G = 1/4" compression	G = 1/4" compression		N = NBR
	300 = 3.0 µm	H = 1/8" MNPT	H = 1/8" MNPT		V = FKM
	500 = 5.0 µm	J = 1/4" MNPT	J = 1/4" MNPT		Blank = Other fitting
	10H = 10 µm	M = 1/8" FNPT	M = 1/8" FNPT		
	20H = 20 µm	N = 1/4" FNPT	N = 1/4" FNPT		
	30H = 30 µm	Q = BD Luer-Lok female	Q = BD Luer-Lok female		
	40H = 40 µm	T = 1/8" female quick coupling	T = 1/8" female quick coupling		
	50H = 50 µm	X = 1/8" male quick coupling	X = 1/8" male quick coupling		
	70H = 70 µm	8 = 3/8" tube seal	8 = 3/8" tube seal		
	15K = 150 µm				

Example: **SVLJ50030BQ10**

Size = 50 mm

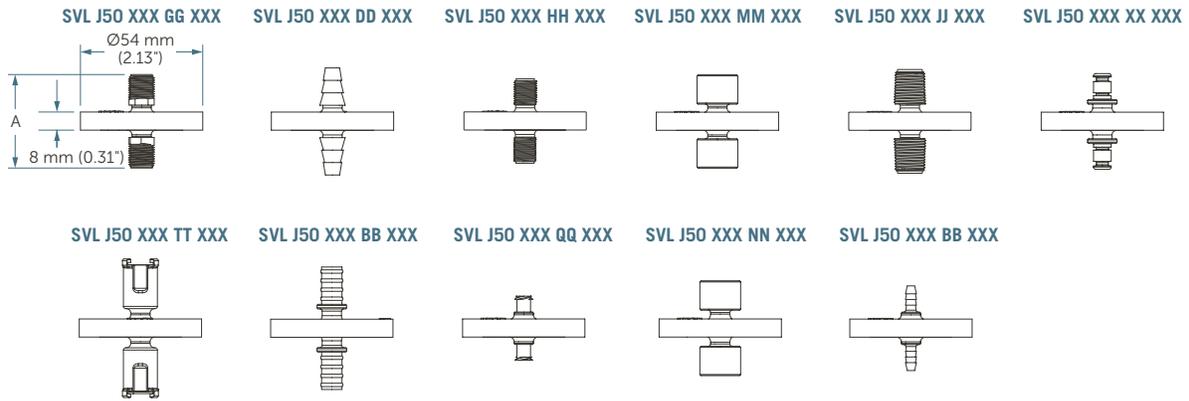
Pore size = 0.3 µm

Inlet fitting = 1/8" hose barb

Outlet fitting = BD Luer-Lok female

Quantity = 10/pack

## DIMENSIONS



Part number	Inlet fitting	Outlet fitting	Dimension A
SVLJ50 XXX GG XXX	¼" compression	¼" compression	41 mm (1.61")
SVLJ50 XXX DD XXX	¼" hose barb	¼" hose barb	46 mm (1.81")
SVLJ50 XXX HH XXX	⅛" MNPT	⅛" MNPT	36 mm (1.42")
SVLJ50 XXX MM XXX	⅛" FNPT	⅛" FNPT	38 mm (1.50")
SVLJ50 XXX JJ XXX	¼" MNPT	¼" MNPT	45 mm (1.77")
SVLJ50 XXX XX XXX	⅛" male quick coupling	⅛" male quick coupling	42 mm (1.65")
SVLJ50 XXX TT XXX	⅛" female quick coupling	⅛" female quick coupling	61 mm (2.40")
SVLJ50 XXX 88 XXX	⅜" tube seal	⅜" tube seal	54 mm (2.13")
SVLJ50 XXX QQ XXX	BD Luer-Lok female	BD Luer-Lok female	28 mm (1.10")
SVLJ50 XXX NN XXX	¼" FNPT	¼" FNPT	41 mm (1.61")
SVLJ50 XXX BB XXX	⅛" hose barb	⅛" hose barb	37 mm (1.46")

The specifications of products are subject to change without notice.

# Ø65 mm Disc Disposable Filter

## ORDERING INFORMATION

	PORE SIZE	INLET FITTING	OUTLET FITTING	VENT	QUANTITY	QUICK COUPLING O-RING
SVL J65	030 = 0.3 µm	B = 1/8" hose barb	B = 1/8" hose barb	A = with vent	05 = 5/pack	S = Silicon
	060 = 0.6 µm	D = 1/4" hose barb	D = 1/4" hose barb	B = without vent		E = EPDM
	100 = 1.0 µm	E = 5/16" hose barb	E = 5/16" hose barb			N = NBR
	300 = 3.0 µm	J = 1/4" MNPT	J = 1/4" MNPT			V = FKM
	500 = 5.0 µm	K = 3/8" MNPT	K = 3/8" MNPT			Blank = Other fitting
	10H = 10 µm	L = 1/2" MNPT	L = 1/2" MNPT			
	20H = 20 µm	M = 1/8" FNPT	M = 1/8" FNPT			
	30H = 30 µm	N = 1/4" FNPT	N = 1/4" FNPT			
	40H = 40 µm	P = 3/8" FNPT	P = 3/8" FNPT			
	50H = 50 µm	Q = BD Luer-Lok female	Q = BD Luer-Lok female			
	70H = 70 µm	T = 1/8" female quick coupling	T = 1/8" female quick coupling			
	15K = 150 µm	W = 1/4" female quick coupling for metal latch	W = 1/4" female quick coupling for 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: **SVLJ65030BQA05**

Size = 65 mm

Pore size = 0.3 µm

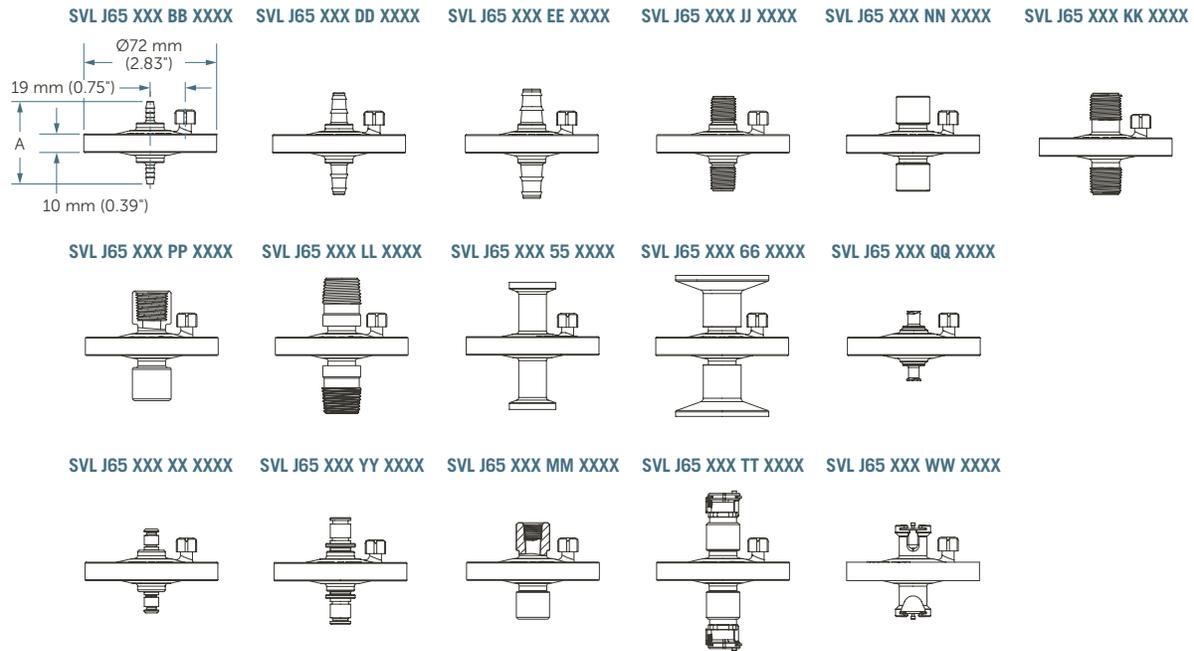
Inlet fitting = 1/8" hose barb

Outlet fitting = BD Luer-Lok female

Vent = with vent

Quantity = 5/pack

## DIMENSIONS



Part number	Inlet fitting	Outlet fitting	Dimension A
SVLJ65 XXX BB XXXX	1/8" hose barb	1/8" hose barb	45 mm (1.77")
SVLJ65 XXX DD XXXX	1/4" hose barb	1/4" hose barb	55 mm (2.17")
SVLJ65 XXX EE XXXX	5/16" hose barb	5/16" hose barb	59 mm (2.32")
SVLJ65 XXX JJ XXXX	1/4" MNPT	1/4" MNPT	51 mm (2.01")
SVLJ65 XXX NN XXXX	1/4" FNPT	1/4" FNPT	71 mm (2.80")
SVLJ65 XXX KK XXXX	3/8" MNPT	3/8" MNPT	55 mm (2.17")
SVLJ65 XXX PP XXXX	3/8" FNPT	3/8" FNPT	61 mm (2.40")
SVLJ65 XXX LL XXXX	1/2" MNPT	1/2" MNPT	74 mm (2.91")
SVLJ65 XXX 55 XXXX	1/2" Tri-Clamp	1/2" Tri-Clamp	69 mm (2.72")
SVLJ65 XXX 66 XXXX	1.5" Tri-Clamp	1.5" Tri-Clamp	76 mm (2.99")
SVLJ65 XXX QQ XXXX	BD Luer-Lok female	BD Luer-Lok female	38 mm (1.50")
SVLJ65 XXX XX XXXX	1/8" male quick coupling	1/8" male quick coupling	45 mm (1.77")
SVLJ65 XXX YY XXXX	1/4" male quick coupling	1/4" male quick coupling	58 mm (2.28")
SVLJ65 XXX MM XXXX	1/8" FNPT	1/8" FNPT	52 mm (2.05")
SVLJ65 XXX TT XXXX	1/8" female quick coupling	1/8" female quick coupling	85 mm (3.35")
SVLJ65 XXX WW XXXX	1/4" female quick coupling	1/4" female quick coupling	90 mm (3.54")

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