



QuantX™

# DISPENSING TIPS



# Dispensing Tips

Fisnar® offers a large selection of high-quality dispense tips in a variety of lengths, sizes, and styles including PTFE-lined, flexible polypropylene, stainless steel, brush, blunt end, angled blunt end, and tapered.



These high-performance fluid delivery systems provide accurate deposits of a variety of materials to meet your dispensing needs.

Upon request, 2D/3D CAD drawings of dispense tips and custom dispense tips are available.

## QuantX™ Blunt End Dispense Tips

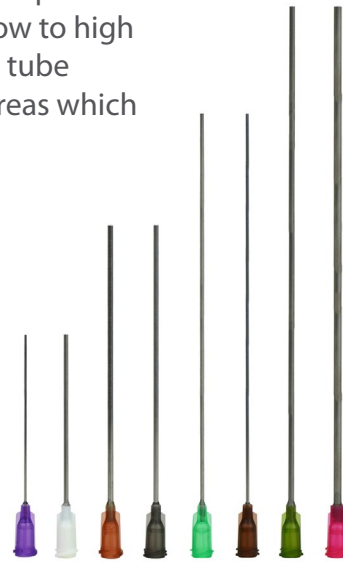
A full selection of UV-bonded dispense tips manufactured with polypropylene hubs and stainless steel cannulas. A double helix Luer lock design and polished burr-free finish ensure precision fluid dispensing. For dispensing low to high viscosity fluids in general purpose dispense applications.



Color	Gauge	I.D. (inch)	I.D. (mm)	1/4" (6.35 mm)	1/2" (12.7 mm)	1" (25.4 mm)	1 1/2" (38.1 mm)	45 Degree	90 Degree
Navy Blue	12	0.089	2.27	8001118	8001123	8001131	8001138	-	-
Magenta	13	0.070	1.78	8001119	8001124	8001132	8001139	-	-
Olive	14	0.063	1.60	8001115	8001084	8001095	8001105	8001156	8001166
Amber	15	0.054	1.37	8001073	8001085	8001096	8001106	8001157	8001167
Black	16	0.047	1.20	8001074	8001086	8006031	8001495	8001802	-
White	17	0.041	1.04	8001120	8001125	8001133	8001140	-	-
Green	18	0.033	0.84	8001075	8001087	8001097	8001107	8001158	8001168
Brown	19	0.028	0.70	8001121	8001126	8001134	8001141	-	-
Pink	20	0.024	0.60	8001076	8001088	8001098	8001108	8001159	8001169
Purple	21	0.020	0.51	8001077	8001089	8001099	8001109	8001160	8001170
Blue	22	0.016	0.41	8001078	8001090	8001100	8001110	8001161	8001171
Orange	23	0.013	0.33	8001079	8001091	8001101	8001111	8001162	8001172
Sky Blue	24	0.012	0.31	8001122	8001127	8001135	8001142	-	-
Red	25	0.010	0.25	8001080	8001092	8001102	8001112	8001163	8001173
Beige	26	0.009	0.23	8001128	8001463	8001136	8001143	-	-
Clear	27	0.008	0.20	8001081	8001093	8001103	8001113	8001164	8001174
Gray	28	0.007	0.19	8001129	8001130	8001137	8001144	-	-
Lavender	30	0.006	0.15	8001082	8001094	8001104	8001114	8001165	8001175
Yellow	32	0.004	0.10	8001083	8001117	-	-	-	-
Turquoise	33	0.004	0.10	8001116	-	-	-	-	-

## QuantX™ Blunt End Plastic Hub Needles

A full selection of UV-bonded dispense tips manufactured with polypropylene hubs and stainless steel cannulas. Double helix Luer lock design and polished burr-free finish ensure precision fluid dispensing. For dispensing low to high viscosity fluids in general purpose dispense applications. The long tube design allows for fluids to be easily dispensed into hard to reach areas which conventional dispense tips cannot reach.



Color	Gauge	I.D. (inch)	I.D. (mm)	2"	3"	4"	5"
Navy Blue	12	0.089	2.27	8001314	8001330	8001341	8001351
Magenta	13	0.070	1.78	8001315	8001331	8001342	8001352
Olive	14	0.063	1.60	8001316	8001332	8001343	8001353
Amber	15	0.054	1.37	8001317	8001333	8001344	
Black	16	0.047	1.20	8001318	8001334	8001345	
White	17	0.041	1.04	8001319	8001335	8001346	
Green	18	0.033	0.84	8001320	8001336	8001347	
Brown	19	0.028	0.70	8001321	8001337	8001348	
Pink	20	0.024	0.60	8001322	8001338	8001349	
Purple	21	0.020	0.51	8001323	8001339	8001350	
Blue	22	0.016	0.41	8001324	8001340		
Orange	23	0.013	0.33	8001325			
Sky Blue	24	0.012	0.31	8001326			
Red	25	0.010	0.25	8001327			
Beige	26	0.009	0.23	8001328			
Clear	27	0.008	0.20	8001329			

## QuantX™ Single Tapered Dispense Tips

Tapered smooth flow dispensing tips are designed to reduce back pressure of high-viscosity fluids resulting in an increased fluid flow rate. A uniform polypropylene Luer lock design with a flash-free outlet ensures consistent fluid dispensing.



Standard Single Tapered UV Blocking

Color	Gauge	I.D. (inch)	I.D. (mm)	Length (inch/mm)	Item Number
Lime Green	10	0.118	3.00	1.25/32	8001217
Yellow	11	0.098	2.50	1.25/32	8001218
Sky Blue	13	0.079	2.00	1.25/32	8001219
Olive	14	0.063	1.60	1.25/32	8001269
Amber	15	0.054	1.37	1.25/32	8001220
Gray	16	0.047	1.20	1.25/32	8001270
Green	18	0.033	0.84	1.25/32	8001271
Pink	20	0.024	0.60	1.25/32	8001272
Purple	21	0.020	0.51	1.25/32	8001221
Blue	22	0.016	0.41	1.25/32	8001273
Orange	23	0.013	0.33	1.25/32	8001222
Red	25	0.010	0.25	1.25/32	8001274
White	27	0.008	0.20	1.25/32	8001298
Lavender	30	0.006	0.15	1.25/32	8001276



## QuantX™ Double Tapered Dispense Tips

Double tapered tips feature a unique fluid outlet design to reduce fluid wicking and dripping with low-viscosity materials.



Color	Gauge	I.D. (inch)	I.D. (mm)	Length (inch/mm)	Item Number
Orange	14	0.063	1.60	1.25/32	8001263
Gray	16	0.047	1.20	1.25/32	8001264
Green	18	0.033	0.84	1.25/32	8001265
Pink	20	0.024	0.60	1.25/32	8001266
Blue	22	0.016	0.41	1.25/32	8001267
Red	24	0.014	0.37	1.25/32	8001268

## QuantX™ UV & Light Block Dispense Tips

Used for dispensing medium to high viscosity fluids while blocking all UV and ambient light-emitting rays and wavelengths.



Color	Gauge	I.D. (inch)	I.D. (mm)	Length (inch/mm)	Item Number
Black	14	0.063	1.60	1.25/32	8001278
Black	16	0.047	1.20	1.25/32	8001281
Black	18	0.033	0.84	1.25/32	8001282
Black	20	0.024	0.60	1.25/32	8001283
Black	22	0.016	0.41	1.25/32	8001284
Black	25	0.010	0.25	1.25/32	8001279
Black	27	0.008	0.20	1.25/32	8001275

## QuantX™ Flexible Dispense Tips

Polypropylene flexible dispense tips designed to be used in hard-to-reach areas and to prevent scratching or damage to fragile dispense surfaces.



Color	Gauge	I.D. (inch)	I.D. (mm)	1/2" (12.7 mm)	1 1/2" (38.1 mm)
Olive	14	0.063	1.60	8001285	8001291
Amber	15	0.054	1.37	8001286	8001292
Green	18	0.033	0.84	8001287	8001293
Pink	20	0.024	0.60	8001288	8001294
Blue	22	0.016	0.41	8001289	8001295
Red	25	0.010	0.25	8001290	8001296

## QuantX™ PTFE-Lined Dispense Tips

Stainless steel cannulas with an internal PTFE lining, projecting approximately 1/8" (3.18 mm) from the cannula. Ideal for dispensing very low viscosity fluids, solvents, and cyanoacrylates.



Color	PTFE I.D. (inch/mm)	SS Tube O.D. (inch/mm)	1/2" (12.7 mm)	1" (25.4 mm)
Gray	0.024/0.61	0.042/1.06	8001252	8001254
Pink	0.011/0.28	0.32/0.80	8001253	8001255

## Stainless Steel Dispense Tips

Stainless steel dispensing tips are available in single or double cannula designs. Each stainless steel tip consists of a precision stainless steel cannula and hub designed to fit standard Luer lock connections.

This range of tips can be sterilized by an autoclave process for applications requiring sterile equipment.



Custom lengths and diameters are available upon request.

### Single Cannula 1/2" Luer Lock

Gauge	I.D. (inch)	I.D. (mm)	Length (inch/mm)	1/2" (13 mm)
13	0.071	1.80	0.5/13	813050SS1
14	0.063	1.60	0.5/13	814050SS1
15	0.054	1.37	0.5/13	815050SS1
16	0.047	1.20	0.5/13	816050SS1
17	0.042	1.07	0.5/13	817050SS1
18	0.033	0.84	0.5/13	818050SS1
19	0.027	0.69	0.5/13	819050SS1
20	0.024	0.60	0.5/13	820050SS1
21	0.020	0.51	0.5/13	821050SS1
22	0.016	0.41	0.5/13	822050SS1
23	0.013	0.33	0.5/13	823050SS1
24	0.012	0.30	0.5/13	824050SS1
25	0.010	0.25	0.5/13	825050SS1
26	0.009	0.23	0.5/13	826050SS1
27	0.008	0.20	0.5/13	827050SS1
28	0.007	0.18	0.5/13	828050SS1
30	0.006	0.16	0.5/13	830050SS1

### Double Cannula 3/4" Luer Lock

Gauge	I.D. (inch)	I.D. (mm)	Length (inch/mm)	3/4" (20 mm)
16	0.047	1.20	0.79/20	816050SS2
17	0.042	1.07	0.79/20	817050SS2
18	0.033	0.84	0.79/20	818050SS2
19	0.027	0.69	0.79/20	819050SS2
20	0.024	0.60	0.79/20	820050SS2
21	0.020	0.51	0.79/20	821050SS2
22	0.016	0.41	0.79/20	822050SS2
23	0.013	0.33	0.79/20	823050SS2
24	0.012	0.30	0.79/20	824050SS2
25	0.010	0.25	0.79/20	825050SS2
26	0.009	0.23	0.79/20	826050SS2
27	0.008	0.20	0.79/20	827050SS2

## Stainless Steel Tip Selection Kit

Stainless steel single tip selection kit contains one of each of the sizes below for testing and validation purposes.

13, 14, 15, 18, 20, 21, 22, 23, 25, 26, 27, 30 gauges.



## Large Bore Stainless Steel Dispense Tips (Long Length)

Available in Luer lock and 1/4" NPT threaded connections, these large bore tips provide increased fluid flow rates or deposits when needed.

The long tube design allows for fluids to be easily dispensed into hard to reach areas which conventional dispense tips cannot reach.

### Single Cannula Luer Lock Series

Gauge	I.D. (inch)	I.D. (mm)	1.5" (38 mm)	2.5" (64 mm)	3.5" (90 mm)
8	0.140	3.56	808150SS1	808250SS1	808350SS1
9	0.124	3.16	809150SS1	809250SS1	809350SS1
10	0.118	3.00	810150SS1	810250SS1	810350SS1
11	0.095	2.40	811150SS1	811250SS1	811350SS1
12	0.089	2.27	812150SS1	812250SS1	812350SS1
13	0.070	1.78	813150SS1	813250SS1	813350SS1
14	0.063	1.60	814150SS1	814250SS1	814350SS1
15	0.054	1.37	815150SS1	815250SS1	815350SS1



### Single Cannula 1/4" NPT Series

Gauge	I.D. (inch)	I.D. (mm)	1.5" (38 mm)	2.5" (64 mm)	3.5" (90 mm)
7	0.143	3.64	807150T14	807250T14	807350T14
8	0.140	3.56	808150T14	808250T14	808350T14
9	0.124	3.16	809150T14	809250T14	809350T14
10	0.118	3.00	810150T14	810250T14	810350T14
11	0.095	2.40	811150T14	811250T14	811350T14
12	0.089	2.27	812150T14	812250T14	812350T14
13	0.070	1.78	813150T14	813250T14	813350T14
14	0.063	1.60	814150T14	814250T14	814350T14
15	0.054	1.37	815150T14	815250T14	815350T14





## About Us

Fisnar® is a leading manufacturer and supplier of precision fluid dispensing and handling solutions.

With over 45 years of knowledge of the dispense industry and its global requirements, we have an accomplished range of dispensing products including robots, valves, dispensers, and a complete selection of consumables.

Armed with technical expertise and a diverse portfolio of dispensing products, Fisnar® can supply a system to suit every budget, application, and industry.

Visit our website: [www.fisnar.com](http://www.fisnar.com).

## Contact Us

### USA

[info@fisnar.com](mailto:info@fisnar.com)

1 (262) 253-8600

### Europe

[infoeurope@fisnar.com](mailto:infoeurope@fisnar.com)

+44 (0) 1355 577222

### Asia

[info@fisnar.com.hk](mailto:info@fisnar.com.hk)

+852 2389-2827

### India

[info@fisnar.in](mailto:info@fisnar.in)

+91-11-4556-6223-5

[www.fisnar.com](http://www.fisnar.com)

Copyright © 2021 Ellsworth Adhesives. All rights reserved.