

Dispensing Consumables

Premium Dispense Management



QuantX[™] is a fluid management system defined by its carefully designed and precisely engineered components.

Together these components provide a superior industrial dispensing experience, resulting in reduced waste, greater accuracy, and improved yields.

QuantX™ Syringe Barrels

QuantX™ syringe barrels feature a highly accurate manufacturing process that combines minimal resistance and parallel uniformity over the length of the syringe barrel.

Manufactured from premium grade silicone-free polypropylene, these syringe barrels are available in clear for non-UV materials, amber for UV protection up to 550nm, and opaque black for maximum light protection.

All barrels are designed with a round base to fit QuantX™ barrel adapter assemblies.



Size	Clear	Amber	Black	I.D. (inch)	I.D. (mm)	O.D. (inch)	O.D. (mm)	Length (inch)	Length (mm)
3 cc	8001001	8001040	8001045	0.379	9.62	0.453	11.5	2.941	74.7
5 cc	8001002	8001041	8001046	0.500	12.72	0.567	14.6	2.756	70.0
10 cc	8001003	8001042	8001047	0.622	15.78	0.733	18.6	3.567	90.6
30 cc	8001004	8001043	8001048	0.891	22.62	1.000	25.4	4.634	117.7
55 cc	8001005	8001044	8001049	0.889	22.57	1.020	25.9	6.898	175.2

QuantX™ Syringe Barrels & Piston Sets

Syringe barrel and piston sets ensure that matched QuantX™ components are always used in the QuantX™ fluid management system providing optimum dispensing performance.

Size	Clear	Amber	Black
3 cc	8001058	8001063	8001068
5 cc	8001059	8001064	8001069
10 cc	8001060	8001065	8001070
30 cc	8001061	8001066	8001071
55 cc	8001062	8001067	8001072



QuantX™ Pistons

Evenpress™ Piston Selection



Smooth flow green pistons prevent air entrapment and material waste by wiping the syringe barrel wall clean.



Flat wall blue pistons are recommended for reducing potential stringing and bouncing when dispensing high-viscosity fluids.



Low viscosity orange pistons are used to prevent dripping of watery fluids and accidental back-flow into the dispenser.



Soft black rubber pistons are used to prevent tunneling in high-viscosity fluid materials.

DISPENSING CONSUMABLES

Size	Smooth Flow Green	Flat Wall Blue	Low Viscosity Orange	Unlubricated Black	Lubricated Black
3 cc	8001006	8001010	8001506	8001510	8001514
5 cc	8001007	8001011	8001507	8001511	8001515
10 cc	8001008	8001012	8001508	8001512	8001516
30/55 cc	8001009	8001013	8001509	8001513	8001517

QuantX™ Syringe Barrel Tip Caps

Tip caps provide an air-tight seal allowing storage of pre-filled syringe barrels.

Item Number	Type
8001038	Flat
8001039	Pointed



QuantX™ Syringe Barrel End Caps

End caps feature a push and twist design to ensure an air tight seal and secure the neck opening of the syringe barrel when in storage.

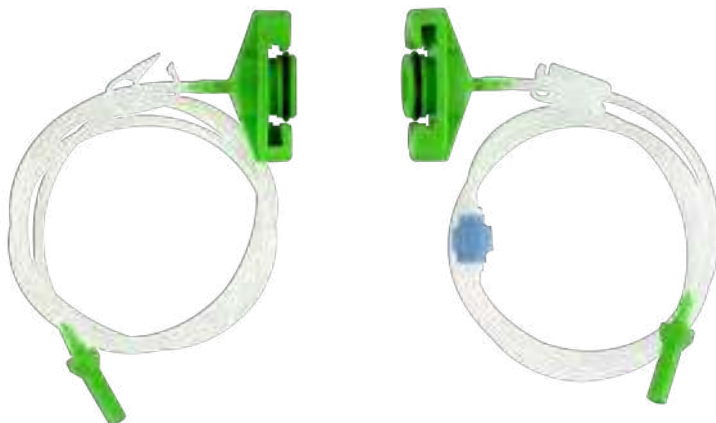


Size	Item Number
3 cc	8001034
5 cc	8001035
10 cc	8001036
30/55 cc	8001037

QuantX™ Syringe Barrel Adapter Assemblies

QuantX™ syringe barrel adapter assemblies are provided with a convenient push-to-connect fitting to connect to the controller from the syringe barrel. Fitted with Buna Nitrile O-rings.

They are available in two hose lengths and optional micron filter-trap to prevent entry of fluids and fumes into the controller.



Green push-to-connect fitting comes assembled on all barrel adapter assemblies. For use with Fisnar DC50, DC100, and DC200 controllers.



Black bayonet fitting also included for connection to quick-connect style controllers.

Size	3 ft (0.9 m)	6 ft (1.8 m)	3 ft with Filter (0.9 m)
3 cc	8001014	8001018	8001050
5 cc	8001015	8001019	8001051
10 cc	8001016	8001020	8001052
30/55 cc	8001017	8001021	8001053

QuantX™ Adapter Head with O-Ring

Size	Item Number
3 cc	8001026
5 cc	8001027
10 cc	8001028
30/55 cc	8001029



QuantX™ Adapter Head Replacement O-Rings

Size	Buna N	Viton®	EPDM
3 cc	8001030	8001054	8001518
5 cc	8001031	8001055	8001519
10 cc	8001032	8001056	8001520
30/55 cc	8001033	8001057	8001521



QuantX™ Syringe Barrel Kits

Syringe barrel kits are available for validation of different size and color variations for both UV and non-UV materials.

The QK-CSK pictured includes all syringe barrels, adapter assemblies, and the most popular pistons and dispense tips.

Size	Clear	UV
3/5/10 cc	QK-3510	QK-3510UV
30/55 cc	QK-3055	QK-3055UV
Complete Kit	QK-CSK	



QK-3510



QK-3510UV



QK-3055



QK-3055UV



QK-CSK

Manual Syringes

Disposable, graduated, polypropylene, luer-lock style, non-sterile syringes. Fitted with a silicone lubricated rubber piston and plunger for manually dispensing a variety of fluids.

Size	Manual Syringe
3 cc	8401006
5 cc	8401007
10 cc	8401008
35 cc	8401009
60 cc	8401012



QuantX™ Manual Syringe Plungers

An ergonomic, lightweight, reusable hand plunger for manually dispensing a variety of fluids.

Compatible for use with all QuantX™ syringe barrels, green smooth-flow, and black rubber pistons.

Size	Manual Plunger
3 cc	8401014
5 cc	8401015
10 cc	8401016
30 cc	8401018



JD927 Manual Syringe Barrel Dispensers

Lightweight and comfortable dispensers with an easy twist-on barrel mounted design. Each squeeze of the trigger advances the plunger by 0.24" (6 mm) dispensing a precise amount of material every time.

These dispensers are capable of dispensing most fluids by using a finger-tip control and push button plunger release.

Size	Item Number
10 cc	JD927-10
30/55 cc	JD927-3055



QuantX™ Dispensing Selection Kit

The DCK800 selection kit includes a variety of dispense tips, syringe barrels, pistons, and caps. A supply reference chart is also included.



Item Number	Description
DCK800	Dispensing Selection Kit

DISPENSING CONSUMABLES

Color	Gauge	Item Number	Description	Quantity
Green	18	8001158	45 Degree	2 ea
Blue	22	8001161	45 Degree	2 ea
Clear	27	8001164	45 Degree	2 ea
Green	18	8001168	90 Degree	2 ea
Blue	22	8001171	90 Degree	2 ea
Clear	27	8001174	90 Degree	2 ea
Black	16	8001259	UV Safe Tapered	2 ea
Black	18	8001261	UV Safe Tapered	2 ea
Black	20	8001262	UV Safe Tapered	2 ea
Amber	15	5701309	Soft Brush Tip	1 ea
Amber	15	5701310	Hard Brush Tip	1 ea
Natural	-	5601427	Pointed Tip Cap	3 ea
Green	-	8001039	Pointed Tip Cap	3 ea
Green	-	8001038	Flat Tip Cap	3 ea
Clear	-	8001001	3 cc Round Barrel	1 ea
Clear	-	8001002	5 cc Round Barrel	1 ea
Clear	-	8001003	10 cc Round Barrel	1 ea
Green	-	8001034	3 cc End Cap	1 ea
Green	-	8001035	5 cc End Cap	1 ea
Green	-	8001036	10 cc End Cap	1 ea
Green	-	8001006	3 cc Piston	1 ea
Green	-	8001007	5 cc Piston	1 ea
Green	-	8001008	10 cc Piston	1 ea

Color	Gauge	Item Number	Description	Quantity
Olive	14	8001269	Single Tapered	5 ea
Gray	16	8001270	Single Tapered	5 ea
Green	18	8001271	Single Tapered	5 ea
Pink	20	8001272	Single Tapered	5 ea
Blue	22	8001273	Single Tapered	5 ea
Red	25	8001274	Single Tapered	5 ea
Green	18	8001075	1/4" Blunt End	2 ea
Blue	22	8001078	1/4" Blunt End	2 ea
Clear	27	8001081	1/4" Blunt End	2 ea
Olive	14	8001084	1/2" Blunt End	5 ea
Amber	15	8001085	1/2" Blunt End	5 ea
Black	16	8001086	1/2" Blunt End	5 ea
Green	18	8001087	1/2" Blunt End	5 ea
Pink	20	8001088	1/2" Blunt End	5 ea
Purple	21	8001089	1/2" Blunt End	5 ea
Blue	22	8001090	1/2" Blunt End	5 ea
Orange	23	8001091	1/2" Blunt End	5 ea
Red	25	8001092	1/2" Blunt End	5 ea
Clear	27	8001093	1/2" Blunt End	5 ea
Lavender	30	8001094	1/2" Blunt End	5 ea
Green	18	8001097	1" Blunt End	2 ea
Blue	22	8001100	1" Blunt End	2 ea
Clear	27	8001103	1" Blunt End	2 ea
Green	18	8001107	1 1/2" Blunt End	1 ea
Blue	22	8001110	1 1/2" Blunt End	1 ea
Clear	27	8001113	1 1/2" Blunt End	1 ea
Gray	-	8001254	1" PTFE-Lined Tip	2 ea
Pink	-	8001255	1" PTFE-Lined Tip	2 ea
Green	18	8001287	1/2" Flexible	2 ea
Blue	22	8001289	1/2" Flexible	2 ea
Red	25	8001290	1/2" Flexible	2 ea
Green	18	8001293	1 1/2" Flexible	1 ea
Blue	22	8001295	1 1/2" Flexible	1 ea
Red	25	8001296	1 1/2" Flexible	1 ea

Manual Dispensing Bottles



A selection of low-density squeeze bottles for manually dispensing a variety of fluids available in both oval and round bottle types. Caps and bottles are interchangeable based on application requirements. Caps come in different thread sizes and correspond to matching threads on bottles. *Bottles and caps sold separately.*

DISPENSING CONSUMABLES



Size	Thread	Oval Bottle	Luer Lock Cap	Slip Lock Cap
1/2 oz	15 mm	EAOB0515	EALLC15	EASC15
3/4 oz	15 mm	EAOB07515	EALLC15	EASC15
2 oz	18 mm	EAOB218	EALLC18	EASC18
4 oz	20 mm	EAOB420	EALLC20	EASC20
8 oz	24 mm	EAOB824	EALLC24	EASC24



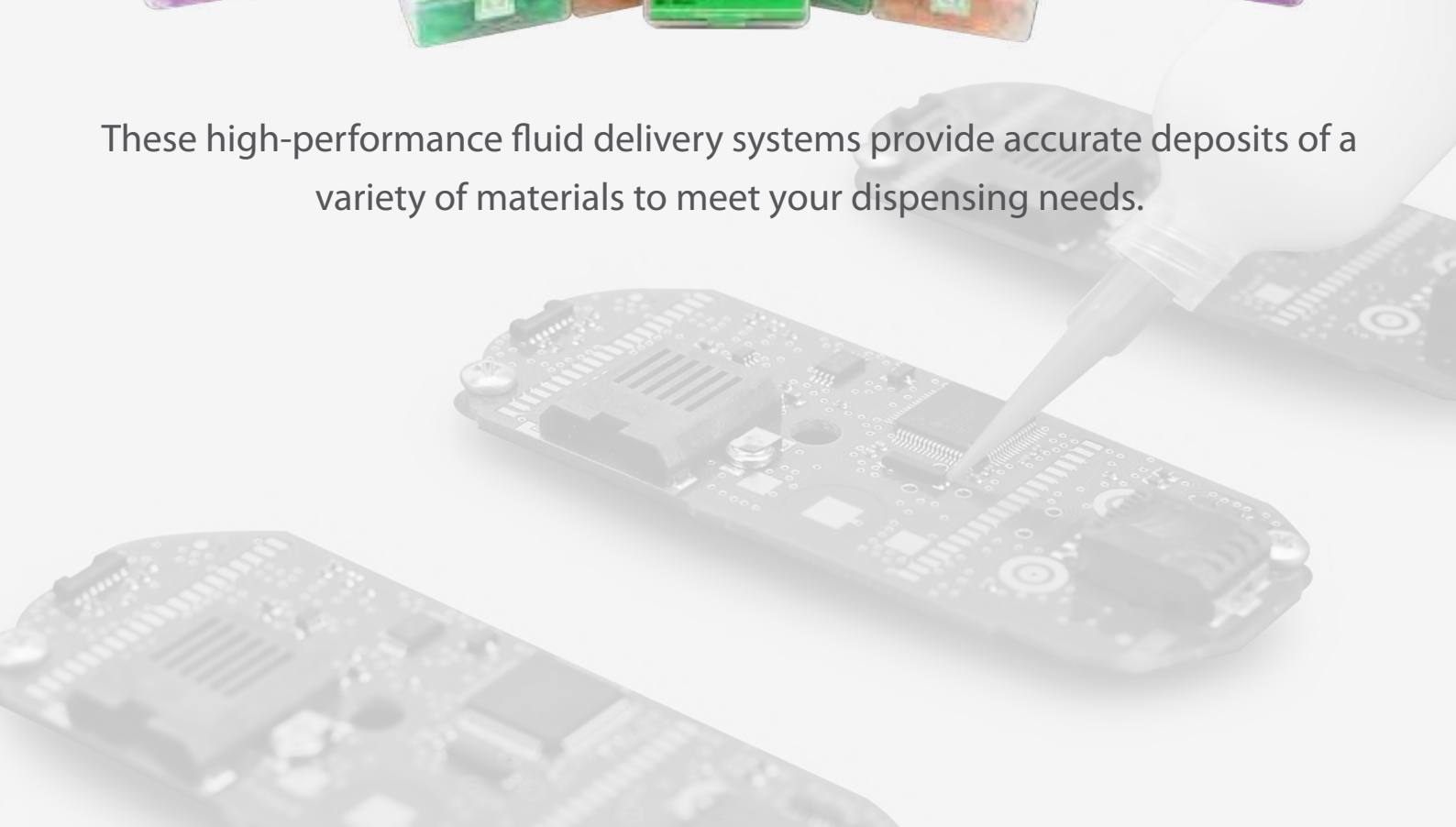
Size	Thread	Round Bottle	Luer Lock Cap	Slip Lock Cap
1/2 oz	15 mm	EARB0515	EALLC15	EASC15
1 oz	18 mm	EARB118	EALLC18	EASC18
2 oz	18 mm	EARB218	EALLC18	EASC18
4 oz	24 mm	EARB424	EALLC24	EASC24
8 oz	24 mm	EARB824	EALLC24	EASC24
16 oz	28 mm	EARB1628	-	EASC28

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.



QK-NSK Tip Selection Kit

A selection of the most commonly used dispense tips (blunt end, tapered, PTFE lined, and flexible) in varying gauge sizes.



QuantX™ Blunt End Dispense Tips

Blunt end tips are 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.

QuantX™ 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.

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.

QuantX™ Flexible Dispense Tips

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

QK-NSK Tip Selection Kit

Color	Gauge	Item Number	Description	Quantity
Olive	14	8001269	Single Tapered	2 ea
Gray	16	8001270	Single Tapered	2 ea
Green	18	8001271	Single Tapered	2 ea
Pink	20	8001272	Single Tapered	2 ea
Blue	22	8001273	Single Tapered	2 ea
Red	25	8001274	Single Tapered	2 ea
White	27	8001298	Single Tapered	2 ea
Lavender	30	8001276	Single Tapered	2 ea
Yellow	32	8001083	1/4" Blunt End	2 ea
Olive	14	8001084	1/2" Blunt End	2 ea
Amber	15	8001085	1/2" Blunt End	2 ea
Black	16	8001086	1/2" Blunt End	2 ea
Green	18	8001087	1/2" Blunt End	2 ea
Pink	20	8001088	1/2" Blunt End	2 ea
Purple	21	8001089	1/2" Blunt End	2 ea
Blue	22	8001090	1/2" Blunt End	2 ea
Orange	23	8001091	1/2" Blunt End	2 ea
Red	25	8001092	1/2" Blunt End	2 ea
Clear	27	8001093	1/2" Blunt End	2 ea
Lavender	30	8001094	1/2" Blunt End	2 ea
Gray	-	8001252	1/2" PTFE-Lined Tip	1 ea
Pink	-	8001253	1/2" PTFE-Lined Tip	1 ea
Gray	-	8001254	1" PTFE-Lined Tip	1 ea
Pink	-	8001255	1" PTFE-Lined Tip	1 ea
Olive	14	8001285	1/2" Flexible	1 ea
Amber	15	8001286	1/2" Flexible	1 ea
Green	18	8001287	1/2" Flexible	1 ea
Pink	20	8001288	1/2" Flexible	1 ea
Blue	22	8001289	1/2" Flexible	1 ea
Red	25	8001290	1/2" Flexible	1 ea

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.



DISPENSING CONSUMABLES

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™ 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



QuantX™ Micron-S Precision Dispense Tips

Precision conical tips offer high accuracy, micro-dot dispensing due to their low-resistance, fluid flow design. These precision-machined tips have been specifically designed to improve flow rates and overall performance.

The thin rigid wall design enhances accuracy and definition of dots, lines, or special patterns while reducing fluid stringing or tailing tendencies. PTFE-coated versions reduce fluid wicking and dripping, and are compatible with anaerobic fluids.



Standard Bore



Micron Bore

DISPENSING CONSUMABLES

Color	Gauge	I.D. (inch)	I.D. (mm)	O.D. (inch)	O.D. (mm)	Standard Bore	Micron Bore	PTFE Coated
Pink	18	0.041	1.039	0.049	1.24	5901001	-	5901012
Tan	19	0.034	0.859	0.042	1.059	5901002	-	5901013
Green	20	0.027	0.681	0.035	0.879	5901003	-	5901014
Lt. Blue	21	0.024	0.610	0.032	0.810	5901004	-	5901015
Purple	23	0.022	0.564	0.025	0.635	5901005	-	5901016
White	25	0.017	0.437	0.020	0.508	5901006	-	-
Red	27	0.013	0.335	0.016	0.406	5901007	-	-
Black	30	0.009	0.234	0.012	0.305	5901008	-	-
Blue	150 um	0.006	0.16	0.010	0.24	-	5901009	-
Orange	100 um	0.004	0.11	0.008	0.20	-	5901010	-
Yellow	50 um	0.002	0.06	0.006	0.16	-	5901011	-

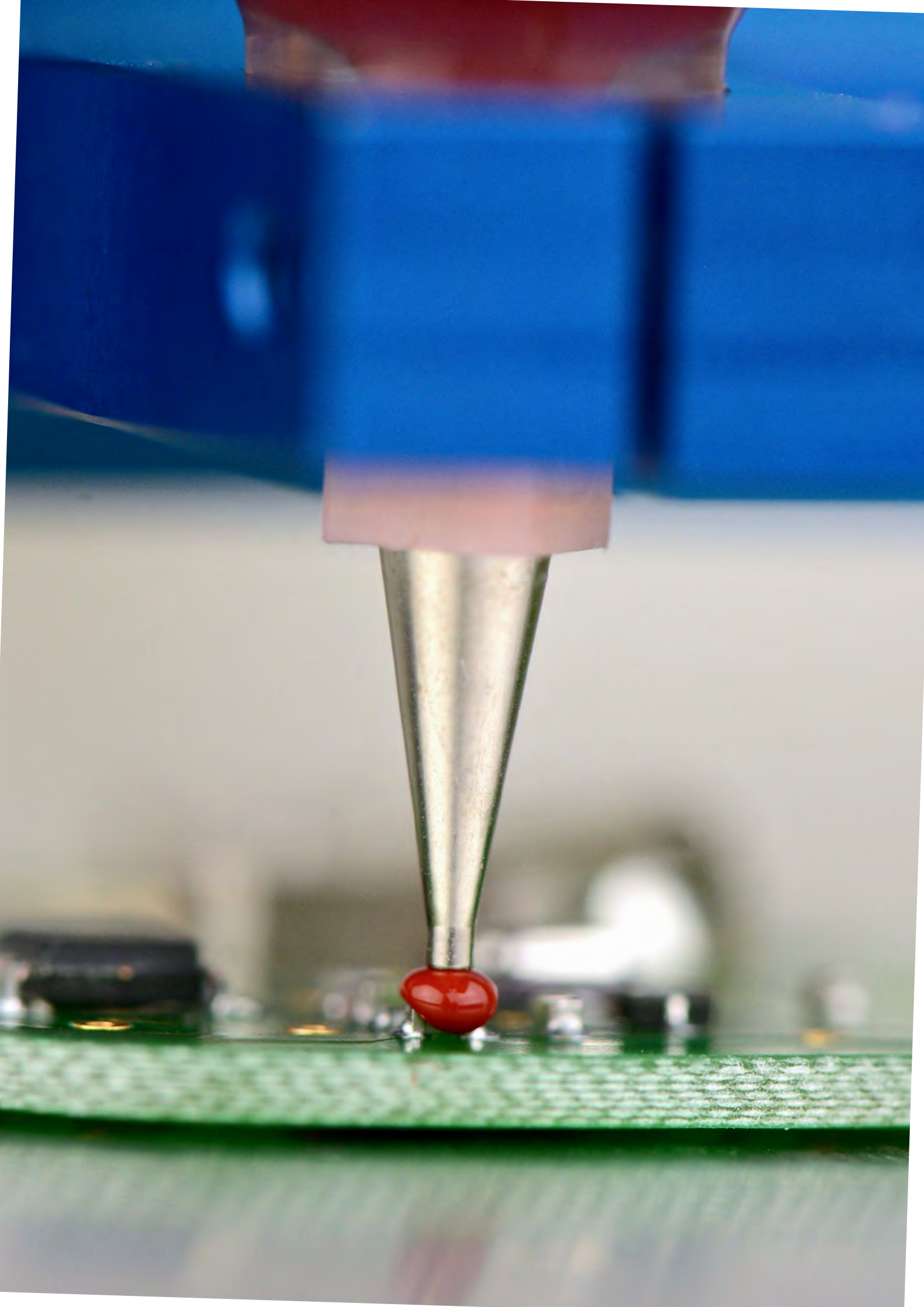
QuantX™ Micron Selection Kit

Micron selection kit contains one each of the standard bore nozzle tip sizes for testing and validation purposes.

Item Number

QK-MSK





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

DISPENSING CONSUMABLES

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.

Item Number

QK-SSTK



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



Brush Tips

Brush tips are designed for spreading, brushing, and applying greases, adhesives, and fluid materials. Tips contain either sable or nylon bristles and come in three styles: Type A, Type B, and Economy, depending on application requirements.

Type A



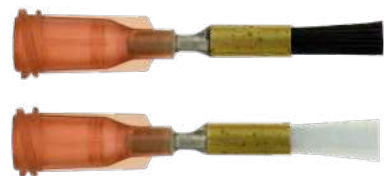
Gauge	Brush Diameter	Style	Item Number
16	10 mm	Flat Sable	5701265
18	10 mm	Flat Sable	5701266
22	10 mm	Flat Sable	5701267
16	5 mm	Round Nylon	5701268
18	5 mm	Round Nylon	5701269
22	5 mm	Round Nylon	5701270

Type B



Gauge	Brush Diameter	Style	Item Number
21	2 mm	Round Nylon	5702102
27	2 mm	Round Nylon	5702702
14	5 mm	Round Nylon	5701405
21	5 mm	Round Nylon	5702105
27	5 mm	Round Nylon	5702705
14	10 mm	Flat Nylon	5701410
21	10 mm	Flat Nylon	5702110
27	10 mm	Flat Nylon	5702710

Economy



Gauge	Brush Diameter	Style	Item Number
15	3 mm	Round Soft Nylon	5701309
15	3 mm	Round Stiff Nylon	5701310

Brush Tip Selection Kit

Brush tip selection kits are available in two different options for testing and validation purposes. QK-BTK-A contains one of each Type A style brush tips. QK-BTK-B contains 1 of each Type B style brush tips.

Type	Item Number
A	QK-BTK-A
B	QK-BTK-B



Dipit™ Bottles

Dipit™ Touch-Pump bottles provide a clean method of delivery by conveniently presenting a small reservoir of solvent, cleaner, or alcohol.

Fluid-ready for dipping a brush or wipe for assembly, production, or laboratory purposes.

Ideal for PCB soldering operations and clean rooms. Prevents wasteful evaporation and contamination. Stainless steel lid and pump components.



Item Number	Description
5606026	4 oz Touch-Pump Bottle
5606027	8 oz Touch-Pump Bottle

Dipit™ Brushes

Item Number	Description
5701272	Dipit™ Brush Delrin 1/4" Nylon Soft
5701273	Dipit™ Brush Zinc/Steel 3/8" Bristle
5701274	Dipit™ Brush Dual Head 3/16" - 1/4" Hard



Flow-Seal Pens & Bottles

Flow-seal pens and bottles are designed to channel controlled amounts of no-clean flux, solvents, lubricants, masking, water-based liquids, and more.

Flow-seal products prevent evaporation of material and conform to current regulations for controlling substances capable of evaporation hazards.

**All pens and bottles come supplied with chisel nib 381-8425-AC.*



DISPENSING CONSUMABLES

Features

- Priming is achieved by depressing the tip while the pen is vertical
- A unique dispensing valve prevents flooding and soaking by releasing material in controlled amounts
- Cap valve allows for easy removal of tips when cleaning or replacing
- Flow-seal pens are cost efficient as product is only delivered when required

Item Number	Description	Size	Material
FV-0100	Flow-Seal Pen	0.34 oz/ 10 ml	HDPE (Clear)
FV-0200	Flow-Seal Pen (ESD Safe)	0.34 oz/ 10 ml	Aluminum
FV-0300	Flow-Seal Bottle	2 oz/ 59.14 ml	HDPE (Clear)
FV-0400	Flow-Seal Bottle (ESD Safe)	2 oz/ 59.14 ml	Aluminum
FV-0500	Flow-Seal Bottle	4 oz/ 118.21 ml	HDPE (Clear)
FV-0600	Flow-Seal Jumbo Pen	1.35 oz/ 40 ml	HDPE (Black)

Item Number	Description	Material
381-8425-AC	Chisel Nib	Acrylic
381-8425-AB	Bullet Nib	Acrylic
381-8425-AP	Pointed Nib	Acrylic
381-8425-PC	Chisel Nib	Polyester
381-8425-PB	Bullet Nib	Polyester
381-600-PB	Blunt Tip (FV-0600 only)	Polyester

QuantX™ Nib Tip Sample Kit

The QK-NTK sample kit includes eight flow-seal nib tips including acrylic chisel, acrylic bullet, acrylic point, and polyester chisel.

Item Number	Description
QK-NTK	Nib Tip Sample Kit



Cartridges

High-quality, disposable cartridges provide a clean and efficient method to meet all types of production requirements. For use in a wide range of applications including pre-mixed and frozen materials, as well as prepackaged products.

Available in a variety of different sizes and capacities. Can be used with manual, handheld, or pneumatic air-powered equipment.

All cartridges are molded in either low or high-density polyethylene. Black cartridges are designed for use with UV and light curing fluids.



Item Number	Description	I.D. Diameter (inch/mm)	Overall Length (inch/mm)	Capacity (oz/ml)
EA25C-LD	Natural LDPE	1.59/40.40	4.00/101.60	2.5/74
EA60C-LD	Natural LDPE	1.59/40.40	7.11/180.60	6/177
EA80C-LD	Natural LDPE	1.59/40.40	8.92/226.60	8/237
EA120C-LD	Natural LDPE	1.59/40.40	12.34/313.40	12/355
EA110C-LD	Natural LDPE	1.85/47.00	8.99/228.30	12.8/310
EA25C-HD	Natural HDPE	1.59/40.40	4.00/101.60	2.5/74
EA60C-HD	Natural HDPE	1.59/40.40	7.11/180.60	6/177
EA80C-HD	Natural HDPE	1.59/40.40	8.92/226.50	8/237
EA120C-HD	Natural HDPE	1.59/40.40	12.34/313.40	12/355
EA110C-HD	Natural HDPE	1.85/47.00	8.99/228.30	12.8/310
EA200C-HD	Natural HDPE	2.57/65.30	10.03/254.80	20/591
EA25C-HD-BK	Black HDPE	1.59/40.40	4.00/101.60	2.5/74
EA60C-HD-BK	Black HDPE	1.59/40.40	7.11/180.60	6/177
EA80C-HD-BK	Black HDPE	1.59/40.40	8.92/226.50	8/237
EA120C-HD-BK	Black HDPE	1.56/40.40	12.34/313.40	12/355
EA110C-HD-BK	Black HDPE	1.85/47.00	8.99/228.30	12.8/310
EA200C-HD-BK	Black HDPE	2.57/65.30	10.03/254.80	20/590

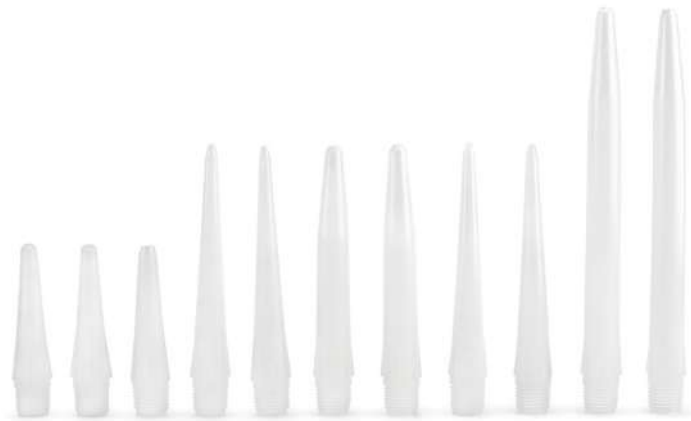
Dispensing Nozzles

Dispensing nozzles are precision molded from polyethylene and have 1/4" NPT male threads to fit cartridges, valves, and other compatible equipment.



Standard Nozzles

Standard nozzles are designed to be used in applications requiring basic dispensing of beads and dots.



Item Number	Length (inch)	Diameter (inch)	Material
EA2160-HD	2	1/16	HDPE
EA2180-LD	2	1/8	LDPE
EA2180-HD	2	1/8	HDPE
EA4160-HD	4	1/16	HDPE
EA4160-LD	4	1/16	LDPE
EA4180-LD	4	1/8	LDPE
EA4320-HD	4	1/32	HDPE
EA4320-LD	4	1/32	LDPE
EA4900-LD	4	3/32	LDPE
EA6160-LD	6	1/16	LDPE
EA6180-LD	6	1/8	LDPE

Specialty Nozzles

Specialty nozzles are designed in a variety of styles for custom applications that require spreading, brushing, step filling, and more.



Item Number	Length (inch)	Dimension (inch)	Material	Nozzle Style
EA1050	4	1/2 x 1/16	HDPE	Spreader
EA1050-45	4	1/2 x 1/16	HDPE	45° Spreader
EA1075	4.5	3/4 x 1/8	HDPE	Spreader
EA1100	4.5	1 x 1/8	HDPE	Spreader
EA1175	4	1 3/4 x 1/8	HDPE	Spreader
EA3106	4	3/8 x 1/8	HDPE	Fillet Right Step
EA3206	4	3/8 x 1/8	HDPE	Fillet Left Step

Cartridge Plungers

The use of plungers ensures even pressure is applied on the fluid, while also preventing tunnelling of air to achieve controlled and repeatable dispense results. The plungers' wipe clean design maximizes fluid usage from within the cartridge. Plungers are available in low or high-density polyethylene and come in a variety of sizes to fit compatible cartridges.

Item Number	Color	Description
EA1WP-LD-NT	Natural	2.5, 6, 8, 12 oz - Wiper LDPE
EA1WP-LD-BL	Blue	2.5, 6, 8, 12 oz - Wiper LDPE
EA1WP-LD-BK	Black	2.5, 6, 8, 12 oz - UV Blocking Wiper LDPE
EA110WP-LD-NT	Natural	1/10th gallon - Wiper LDPE
EA200WP-LD-NT	Natural	20 oz - Wiper LDPE
EA200WP-HD-NT	Natural	20 oz - Wiper HDPE



Cartridge Caps

End and tip caps are designed to seal out air for proper storage and handling purposes. Available in snap on, push on, and threaded styles.

Item Number	Description
EA2C	2.5, 6, 8, 12 oz - End Cap LDPE
EA110CP	1/10th gallon - End Cap LDPE
EA6C	20 oz - End Cap LDPE
EA3P	Threaded Tri-Seal Cap PE
EA4P	Threaded Tip Cap PE
EA5P	Snap On Tri-Seal Tip Cap PE
EA9X	Snap On Tip Cap PE



Cartridge Tip Adapters

Allows for the use of QuantX™ dispense tips with luer lock hubs. 1/4" NPT tip adapters for use with cartridges and valves fitted with 1/4" NPT female threads.

Item Number	Description
5801420	Tip Adapter - Metal
5801449	Tip Adapter - Black Polypropylene
5801450	Tip Adapter - White Polypropylene



Cartridge Retainers & Caps

Heavy duty, light-weight aluminum and nylon retainers can withstand up to 100 psi (6.9 bar) pressure. Cartridge retainers accommodate all corresponding cartridge sizes. *Retainer caps sold separately.*

DISPENSING CONSUMABLES

Item Number	Description
918-030-000	74 ml/2.5 oz Cartridge Retainer
918-031-000	177 ml/6 oz Cartridge Retainer
918-034-000	237 ml/8 oz Cartridge Retainer
918-032-000	355 ml/12 oz Cartridge Retainer
5601376	Retainer Cap with Sealing Ring/Fittings
5601377	Retainer Cap with Regulator Gauge
5601378	Seal for Retainer Cap
5601357	Connecting Hose (5 ft)

Metal Cartridge Retainers



Item Number	Description
5801379	2.5 oz Cartridge Retainer Body
5801380	6 oz Cartridge Retainer Body
5801381	8 oz Cartridge Retainer Body
5801382	12 oz Cartridge Retainer Body
5801376-SEAL	Seal for Retainer Cap
5801376	Retainer Screw Cap with Fittings
5801377	Retainer Cap with Regulator Gauge
5601357	Connecting Hose (5 ft)

Nylon Cartridge Retainers



Cartridge Retainer Stands

Item Number	Description
560535	2.5, 6, 8, 12 oz Metal Retainer Cartridge Stand
560535-NU	2.5, 6, 8, 12 oz Nylon Retainer Cartridge Stand



1/10th Gallon Plastic Retainer & Cap

The 580091H-A is an economical retainer designed to dispense from standard caulking cartridges. Dispensing can be delivered with fine gauge luer lock tips or with larger nozzles. Dispensing pressure should not exceed 65 psi (4.48 bar).

Item Number	Description
580091H-A	Plastic Cartridge Retainer Assembly (Retainer, Cap, Seals, and Hose)
580091H-CF	1/10th gallon Cap with Fittings
5601357	Connecting Hose (5 ft)
560655	Rubber Seal
562027	Plastic Spacer



Nylon Cartridge Retainer Assemblies

Durable, nylon molded, screw cap retainers are lightweight and can withstand up to 100 psi (6.9 bar) pressure. Cartridge retainers accommodate 2.5, 6, 8, and 12 oz cartridges. Compatible with Techcon, Semco, and EFD-style cartridge systems. Retainer, cap, and hose complete with each kit.

Item Number	Description
5801379-KIT	2.5 oz Cartridge Retainer Assembly with Hose
5801380-KIT	6 oz Cartridge Retainer Assembly with Hose
5801381-KIT	8 oz Cartridge Retainer Assembly with Hose
5801382-KIT	12 oz Cartridge Retainer Assembly with Hose
5801376	Retainer Screw Cap with Fittings
5601357	Connecting Hose (5 ft)



Cartridge Retainer Stands

Item Number	Description
560535-NU	2.5, 6, 8, 12 oz Nylon Retainer Cartridge Stand



CR300 1/10th Gallon Cartridge Retainer

The CR300 was developed with a new seal design, for greater seal performance and durability by sealing directly onto the inside of the inserted cartridge.

Fully compatible with 1/10th gallon plastic and metal caulking type cartridges (300/310 ml). This high-grade anodized alloy retainer and cap ensures a safe, comfortable dispensing pressure of up to 100 psi (6.9 bar).

With high performance and unique versatility, this retainer can be used as a pressurized fluid reservoir system in conjunction with a Fisnar dispense valve.

Hose included standard with CR300.

Features

- Supplied with a universal air-inlet for effortless system installation and integration
- Designed for long lasting use
- Quick and easy screw on cap can be attached directly to a Fisnar air-powered dispenser
- Optimized tube design reduces cartridge expansion while decreasing risk of air ingress into the fluid
- Works efficiently with 1/10th gallon cartridge adapter nuts to convert the male thread on a standard caulking type cartridge to a conventional female 1/4" NPT thread



*560549U stand sold separately.

Item Number	Description
CR300	Cartridge Retainer Assembly (Retainer, Cap, Seals, and Hose)
CR300-SEAL	Retainer Cap Sealing Ring
560549U	Cartridge Retainer Stand
562146	Quick Connect Hose (6 ft)

Accessories (Sold Separately)

Item Number	Description
560549U	Cartridge Retainer Stand
562146	Quick Connect Hose (6 ft)

Cartridge Adapter Nuts

Used for converting male thread on a 310 ml (1/10th gallon) cartridge to a 1/4" NPT female thread. 1/4" NPT nozzles, tip adapters, or fittings can be connected to allow material dispensing directly from the cartridge.

Item Number	Description
561129-SS	Cartridge Adapter 1/4" NPT x 5/8"-11 UNC 316 Stainless Steel
561129	Cartridge Adapter 1/4" NPT x 5/8"-11 UNC White Acetal
562317	Cartridge Adapter 1/4" NPT x 13/16-14 UNC Black Acetal
560546	Cartridge Adapter 1/4" NPT Female Polyethylene



CR570 20 oz Cartridge Retainer

The CR570 Cartridge Retainer has been designed for use with Techcon, Semco, and EFD 20 oz plastic cartridges. The new seal design delivers greater performance and durability by sealing directly onto the inside of the inserted cartridge.

The high grade anodized aluminium retainer and cap provide a safe dispensing pressure of up to 100 psi (6.9 bar). The high performance heavy duty design also makes this system ideal for use in industrial environments and ensures long lasting use.

Hose included standard with CR570.

Features

- Compatible for use with Techcon, Semco, and EFD 20 oz cartridges
- Machined slots in retainer body allow for the fluid level inside the inserted cartridge to be easily monitored
- Optimized tube design reduces cartridge expansion while decreasing the risk of air ingress into the fluid
- Quick connect air-inlet connector allows for the safe removal of compressed air from the retainer when replacing the cartridge
- Can be attached directly to a Fisnar dispense controller or used as a valve fluid feed system/reservoir



**560534U stand sold separately.*

Item Number	Description
CR570	Cartridge Retainer Assembly (Retainer, Caps, Seals, and Hose)
CR570-SEAL	Retainer Cap Sealing Ring
562146	Quick Connect Hose

Accessories (Sold Separately)

Item Number	Description
560534U	20 oz Cartridge Retainer Stand