



Product Data Sheet

700 Series

Dispensing Components

SYRINGE BARREL

Unique ultra-low draft construction of inner diameter yields high accuracy and stability. They are comprised of industry compliant silicone and chloride-free, low friction polypropylene. Available in three colors: Natural for most generic applications, amber provides protection of UV/visible light block (up to 520nm, but with the ability to see the fluid inside the barrel and black for total light block. Five sizes are made available – 3cc, 5cc, 10cc 30cc and 55cc. Made from polypropylene. Silicone and chloride-free.

AIR POWERED PISTON

Air powered pistons spread the pressure evenly across the fluid giving consistent dispensing even with high viscosity fluids. Tighter fitting white wiper pistons provide a complete seal for low viscosity fluids and are also used with the TS700 manual syringe barrel gun. Easy flow blue pistons require less pressure to dispense and prevent air from becoming entrapped during the dispensing process. Loose fitting red straight wall pistons prevent stringing and bouncing when dispensing high viscosity fluids. Made from polyethylene. Silicone and chloride-free.

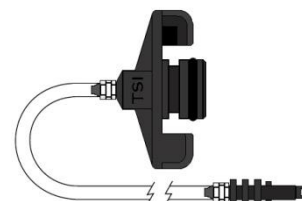
TIP AND END CAPS

Tip caps are designed to seal the Luer lock of the syringe barrel during storage, shipment and when not in use. Available in orange and black, and both offering full UV/light black protection. A blue “stand up” version is made available which is designed with a larger flat base. the stand-up tip cap enables the syringe barrel to stand upright. Made from polypropylene. Silicone and chloride-free.

End caps seal the larger end of the syringe barrel to ensure that no contaminants come into contact with the fluid and piston. The quick and easy clip connection Made from polypropylene. Silicone and chloride-free.

RECEIVER HEAD

Delrin® Receiver heads are the connecting link between the syringe barrel and the dispenser and provide a safe a secure connection. The simple “push/twist” design improves syringe barrel change over time. Fitted as standard with a Viton® o-ring and an EPR o-ring is made available for chemical compatibility purposes. All sizes of receiver head are available with 3 or 6 feet (0.9 – 1.8 meters) of tubing and also with no tubing attached. Silicone and chloride-free.



SYRINGE BARREL

	NATURAL	AMBER BLACK	
3cc	7030LL1NPK	7030LL1DPK	7030LL1BPK
5cc	7050LL1NPK	7050LL1DPK	7050LL1BPK
10cc	7100LL1NPK	7100LL1DPK	7100LL1BPK
30cc	7300LL1NPK	7300LL1DPK	7300LL1BPK
55cc	7550LL1NPK	7550LL1DPK	7550LL1BPK

AIR POWERED PISTON

	BLUE	WHITE	RED
3cc	7030007BLPK	7030009WPK	7030006RPK
5cc	7050007BLPK	7050009WPK	7050006RPK
10cc	7100007BLPK	7100009WPK	7100006RPK
30/55cc	7300007BLPK	7300009WPK	7300006RPK

BARREL W/WHITE WIPER PISTON (NOT INSERTED)

3cc	7030LL1NWPBK	7030LL1DWPBK	7030LL1BWPBK
5cc	7050LL1NWPBK	7050LL1DWPBK	7050LL1BWPBK
10cc	7100LL1NWPBK	7100LL1DWPBK	7100LL1BWPBK
30cc	7300LL1NWPBK	7300LL1DWPBK	7300LL1BWPBK
55cc	7550LL1NWPBK	7550LL1DWPBK	7550LL1BWPBK

END CAP

3cc	703000CBPK
5cc	705000CBPK
10	710000CBPK
30/55cc	730000CBPK

BARREL W/BLUE WIPER PISTON (NOT INSERTED)

3cc	7030LL1BLPK
5cc	7050LL1BLPK
10cc	7100LL1BLPK
30cc	7300LL1BLPK
55cc	7550LL1BLPK

RECEIVER HEAD ASSEMBLY

	3F/0.9M	6F/1.8M NO HOSE	
3cc	70303RHB	70306RHB	70300RHR
5cc	70503RHB	70506RHB	70500RHR
10cc	71003RHB	71006RHB	71000RHR
30/55cc	73003RHB	73006RHB	73000RHR

MANUAL THUMB PLUNGER (USE W/RUBBER PISTON)

3cc	7030004PPK
5cc	7050004PPK
10cc	7100004PPK
30cc	7300004PPK

REPLACEMENT RECEIVER HEAD O-RING

	EPR O-RING	VITON® O-RING
3cc	P3015EPK	P3019VPK
5cc	P3016EPK	P3020VPK
10cc	P3017EPK	P3021VPK
30/55cc	P3018EPK	P3022VPK

MANUAL RUBBER PISTON

	LUBRICATED	NON-LUBRICATED
3cc	7030002MPK	7030002MPK-LUB
5cc	7050002MPK	7050002MPK-LUB
10cc	7100002MPK	7100002MPK-LUB
30cc	7300002MPK	7300002MPK-LUB

SYRINGE BARREL DIMENSIONS

	DIM - A	DIM - B (OD)
3cc	2.96"/75.18mm	0.46"/11.56mm
5cc	2.83"/71.9mm	0.59"/14.99mm
10cc	3.58"/90.9mm	0.72"/18.29mm
30cc	4.66"/118.36mm	0.99"/25.15mm
55cc	6.91"/175.51mm	1.01"/25.65mm

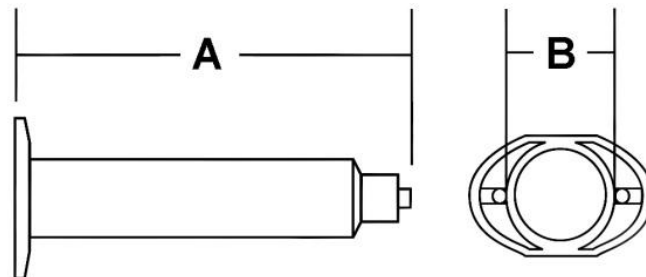
TIP CAP

ORANGE BLACK	STAND-UP	
All Sizes 7015LLPK	TE7015LBPK	7015STCPK

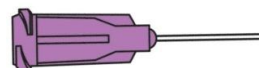
IN-LINE FLUID FILTER

All Sizes 881-000-000 (max pressure 75 psi/5.17bar)

All part numbers with PK are packed in 50 pieces, except replacement o-rings which are 10 pieces.



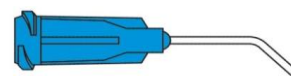
TE DISPENSING TIPS



Features a stainless steel cannula with double Helix polypropylene hub. The burr free electro polished cannula provides unobstructed flow and consistent fluid flow. Pack of 50.

Gauge	¼"/6.35mm	½"/12.7mm	1"/25.4mm	1.5"/38.1mm
14		TE714050PK	TE714100PK	TE714150PK
15		TE715050PK	TE715100PK	TE715150PK
18	TE718025PK	TE718050PK	TE718100PK	TE718150PK
20	TE720025PK	TE720050PK	TE720100PK	TE720150PK
21	TE721025PK	TE721050PK	TE721100PK	TE721150PK
22	TE722025PK	TE722050PK	TE722100PK	TE722150PK
23	TE723025PK	TE723050PK	TE723100PK	TE723150PK
25	TE725025PK	TE725050PK	TE725100PK	
27	TE727025PK	TE727050PK	TE727100PK	
30	TE730025PK	TE730050PK	TE730100PK	
32	TE732025PK			
34	TE734025PK			

TE BENT DISPENSING TIPS



Features all the same advantages as the standard TE tip but with preset bends in the cannula, for difficult to reach areas. Pack of 50.

Gauge	90° ½"/6.35mm	45° ¼"/12.7mm	45° 1.5"/38.1mm
14	TE714050B90PK	TE714050B45PK	TE714150B45PK
15	TE715050B90PK	TE715050B45PK	
18	TE718050B90PK	TE718050B45PK	TE718150B45PK
20	TE720050B90PK	TE720050B45PK	
21	TE721050B90PK	TE721050B45PK	TE721150B45PK
22	TE722050B90PK	TE722050B45PK	
23	TE723050B90PK	TE723050B45PK	
25	TE725050B90PK	TE725050B45PK	
27	TE727050B90PK	TE727050B45PK	
30	TE730050B90PK	TE730050B45PK	

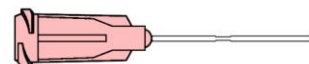
TT TAPERED DISPENSING TIPS



Tapered tips prevent blockages and increase fluid flow rates with high viscosity fluids. Standard tips made from HD polyethylene with UV light block additive. Rigid tips made from polypropylene with opaque color. Pack of 50.

Gauge	Standard	Rigid
14	TT14DHUV-PK	TT14-RIGID-PK
16	TT16DHUV-PK	TT16-RIGID-PK
18	TT18DHUV-PK	TT18-RIGID-PK
20	TT20DHUV-PK	TT20-RIGID-PK
22	TT22DHUV-PK	TT22-RIGID-PK
25	TT25DHUV-PK	TT25-RIGID-PK
27	TT27DHUV-PK	TT27-RIGID-PK

TEFLON® LINED DISPENSING TIPS



Use with low viscosity fluids and CA's (Cyanoacrylates). Resists clogging and prevents damage to substrate. Lined with Teflon® which is crimped inside the cannula. Pack of 50.

Gauge	½"/12.7mm	1"/25.4mm
20	TF720050PK	TF720100PK
25	TF725050PK	TF725100PK

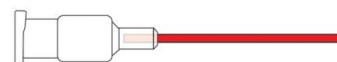
BT BRUSH DISPENSING TIPS



Brush tips spread fluid evenly. Soft bristles made from Red Sable and stiff bristles made from Nylon. Pack of 12.

Gauge	Soft Bristle	Stiff Bristle
16	BT16-SOFTPK	BT16-SOFTPK
18	BT18-SOFTPK	BT18-SOFTPK
22	BT22-SOFTPK	BT22-SOFTPK

TS-P FLEXIBLE DISPENSING TIPS



Flexible tips allow access to hard to reach areas. The flexible cannula allows the user to "customise" the length. Made from polypropylene. Pack of 50.

Gauge	1.5"/38.1mm
15	TS15P-1-1/2PK
16	TS16P-1-1/2PK
18	TS18P-1-1/2PK
20	TS20P-1-1/2PK
22	TS22P-1-1/2PK
25	TS25P-1-1/2PK

ACCESSORIES



DX9010 Finger Switch

The finger switch can be used with any Techcon Systems dispenser or controller and is used instead of the under bench foot pedal.



SH-300 Syringe barrel Stand

The syringe barrel holds the syringe barrel at convenient angle when not in use.



TS700 Manual Gun

Light weight applicator gun for 10cc and 30cc syringe barrels. Excellent control for medium to high viscosity fluids. Light weight design.

10cc TS710SG
30cc TS730SG



TN00DKIT Dispensing Tip Kit

Contains a variety of the most used TE, TE-BENT and TT-DHUV dispensing tips. Also contains the orange tip cap.

For Sales and Support:

DispenseRite