



# 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 |

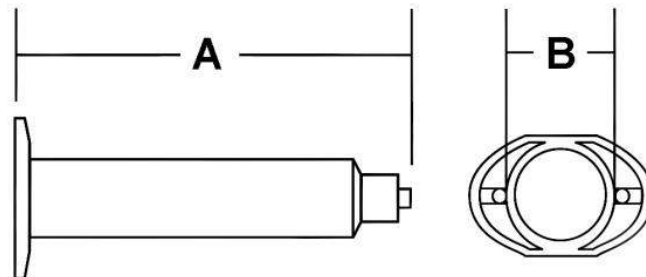
## TIP CAP

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

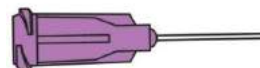
## IN-LINE FLUID FILTER

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.



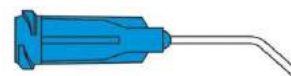
## TE DISPENSING TIPS



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°<br>½"/6.35mm | 45°<br>¼"/12.7mm | 45°<br>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    |                    |

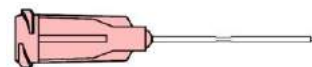
## TT TAPERED DISPENSING TIPS



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.

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