

Cartridge Component Breakdown

Disposable, plastic cartridges provide a clean, efficient and a low cost method to meet all types of production requirements. Plungers with a wiper leading edge clean each cartridge thoroughly. Tip and end caps are available making the system ideal for pre-packaged materials as well as pre-mixed and frozen.



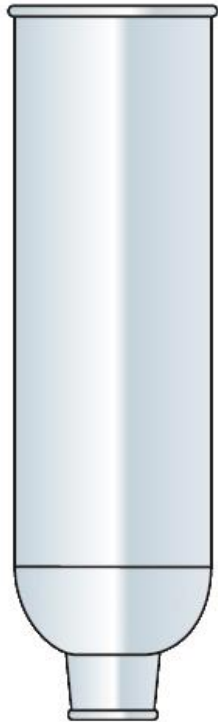
End Caps

Used to prevent dust contamination when the cartridge is not in use.



Plungers

Prevents fluid leaking out of nozzle end. Used to ensure even pressure distribution throughout the fluid.



Cartridges

Used when a standard syringe capacity is not large enough.

Features:

Standard and black polyethylene available in all sizes. Low density available in most common cartridge sizes, Industrial standard 1/4 NPT output thread on all sizes, Other color options available, Excellent performance when using premixed or frozen fluids with low density cartridges.



Tip Caps

Used to seal cartridge when not in use.

Cartridges



TS25C-500 2.5oz/65ml HD
TS25C-LD-500 2.5oz/65ml LD
TS25C-GREEN-500 2.5oz/65mlHD



TS60C-500 6oz/165ml HD
TS60C-LD-500 6oz/165ml LD
TS60C-BLACK-500 6oz/165ml HD
TS60C-GREEN-500 6oz/165ml HD



TS80C-250 8oz/240ml HD
TS80C-LD-250 8oz/240ml LD



TS120C-250 12oz/320ml HD
TS120C-LD-250 12oz/320ml LD
TS120C-BLACK-250 12oz/320ml HD
TS120C-GREEN-250 12oz/320ml HD



TS110C-250 1/10 gallon/310ml HD
TS110C-LD-250 1/10 gallon/310ml LD
TS110C-BLACK-250 1/10 gallon/310ml HD



TS20C-100 20oz/595ml HD
TS20C-BLACK-100 20oz/595ml HD

Plungers



TS1P-SR-1000
 Standard LDPE blue wiper plunger. 2.5oz to 12oz



TS1PB-SR-1000
 Standard LDPE black wiper plunger. 2.5oz to 12oz



TS1WP-1000
 Extended LDPE wiper plunger. 2.5oz to 12oz



TS1WP-RIB-1000
 To reduce air entrapment during filling and dispensing. LDPE 2.5oz to 12oz



TS2PW-1000
 1/10 gallon LDPE/EVA standard white wiper plunger



TS2P-BLACK-1000
 1/10 gallon LDPE black wiper plunger



TS20P-100
 20oz standard MDPE wiper plunger



TS20PLD-100
 20oz LDPE wiper plunger

End Caps



TS2C-1000 2.5oz – 12oz end cap
TS4C-1000 1/10 gallon end cap
TS6C-1000 20oz end cap

Tip Caps



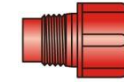
TS3P-1000
 Threaded cartridge cap – Tri-seal
 For use on all cartridge sizes



TS4P-1000
 Threaded cartridge cap – square
 For use on all cartridge sizes



TS5P-1000
 Snap on cartridge cap – Tri-Seal
 For use on all cartridge sizes



TS6P-RED-1000
 Threaded cartridge red cap
 For use on all cartridge sizes

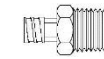


TS6P-BLACK-1000
 Threaded cartridge black cap
 For use on all cartridge sizes

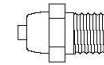


TS9X-1000
 Push on cartridge cap
 For use on all cartridge sizes

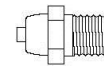
Cartridge Adaptors



Part Number: **TSD931-15**
 Material: Black Nylon/Celcon
 Thread Size: 1/4" NPT
 Use: Syringe filling



Part Number: **TSD931-7**
 Material: White polypropylene
 Thread Size: 1/4 -18 NPT
 Use: Dispense tip adaptor



Part Number: **TSD931-14**
 Material: Black polypropylene
 Thread Size: 1/4 -18 NPT
 Use: Dispense tip adaptor



Part Number: **TSD918-3**
 Material: Clear Polypropylene
 Use: Male/Female 1/4 -18 NPT

Dispense Nozzles

2.5"/63.5mm length Orifice

TS216-1000 0.063"/1.6mm
TS218-1000 0.125"/3.18mm
TS218-LD-1000 0.125"/3.18mm

4"/101.6mm length

TS416-HO-HD-1000 0.063"/1.6mm
TS416-HO-LD-1000 0.063"/1.6mm
TS418-HO-LD-1000 0.125"/3.18mm
TS432-HO-HD-1000 0.031"/0.79mm
TS432-HO-LD-1000 0.031"/0.79mm
TS490-HO-LD-1000 0.094"/2.39mm

6" length/152.4mm

TS616-HO-LD-1000 0.063"/1.6mm
TS618-HO-LD-1000 0.125"/3.18mm

Speciality

TS1050-1000
 A 0.06"/1.52mm
 B 0.5"/12.7mm

TS1050-45-1000
 A 0.06"/1.52mm
 B 0.5"/12.7mm

TS1075-1000
 A 0.13"/3.30mm
 B 0.75"/19.05mm

TS1100-1000
 A 0.13"/3.30mm
 B 1"/25.4mm

TS1175-1000
 A 0.13"/3.30mm
 B 1.75"/44.45mm

TS3106-1000
 A 0.11"/2.79mm
 B 0.35"/8.89mm
 C 0.06"/1.52mm

TS3206-1000
 A 0.11"/2.79mm
 B 0.35"/8.89mm
 C 0.06"/1.52mm

TS Series Retainers

Techcon Systems TS Series aluminium retainers "twist-lock" to their dispensing cap. The retainers are light weight & the durable construction allows up to 100psi (0 to 6.9 bar) applied air pressure.

With visual low level fluid slots

918-030-000 2.5oz/65ml
918-031-000 6oz/165ml
918-034-000 8oz/240ml
918-032-000 12oz/320ml

Without visual low level fluid slots

918-044-000 2.5oz/65ml
918-045-000 6oz/165ml
918-046-000 8oz/240ml
918-047-000 12oz/320ml

TS Retainer Caps

918-001-004 TS Series cap
918-000-002 Air hose assembly
534 Adaptor w/shutoff
534A Adaptor no shutoff

G-Series Retainers – for 1/10 gallon & 20oz. No slot option.

110-2 1/10 gallon/310ml

101-20R* 20oz/595ml

G-Series Retainer Caps

918-000-036 1/10 gallon and 20oz cap

101-20A* 20oz reducer

*For the 20oz retainer (101-20R) to fit the cap (918-000-036), the reducer (101-20A) must be used.



Cartridge Product Guide

