



Cartridge Product Guide

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.



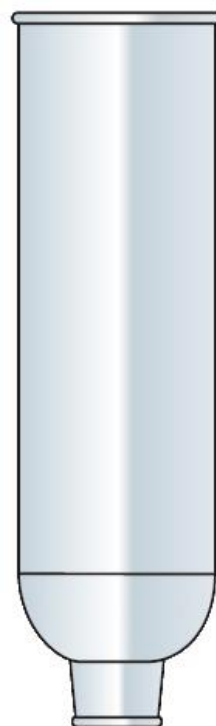
End Caps

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
TS25C-LD-500
TS25C-GREEN-500

2.5oz/65ml HD
2.5oz/65ml LD
2.5oz/65ml HD



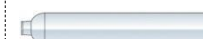
TS60C-500
TS60C-LD-500
TS60C-BLACK-500
TS60C-GREEN-500

6oz/165ml HD
6oz/165ml LD
6oz/165ml HD
6oz/165ml HD



TS80C-250
TS80C-LD-250

8oz/240ml HD
8oz/240ml LD



TS120C-250
TS120C-LD-250
TS120C-BLACK-250
TS120C-GREEN-250

12oz/320ml HD
12oz/320ml LD
12oz/320ml HD
12oz/320ml HD



TS110C-250
TS110C-LD-250
TS110C-BLACK-250

1/10 gallon/310ml HD
1/10 gallon/310ml LD
1/10 gallon/310ml HD



TS20C-100
TS20C-BLACK-100

20oz/595ml HD
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

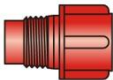


TS20PLD-100
20oz LDPE wiper plunger

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

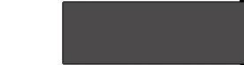
Without visual low level fluid slots

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

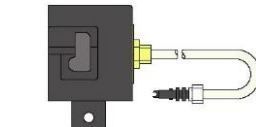
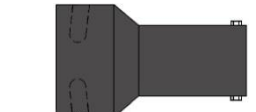
TS Retainer Caps

	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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Metcal:

[918-045-000](#) [TS20C-100](#) [TS25C-LD-500](#) [TS110C-BLACK-250](#) [918-030-000](#) [TS110C-250](#) [TS25CWP-LD-500](#) [918-034-000](#) [918-032-000](#) [TS120C-250](#) [918-031-000](#) [TS110C-LD-250](#) [TS80C-LD-250](#) [918-044-000](#) [TS120C-GREEN-250](#) [TS120C-LD-250](#) [TS120C-BLACK-250](#) [TS20C-BLACK-100](#) [918-046-000](#) [918-047-000](#) [TS60C-LD-500](#)