

# Filtration

## filter units, capsule



Continuation

### Filter units, capsules, sterile, Polycap™ TC



**Whatman**  
Part of GE Healthcare

Applications: pharmaceutical aqueous solutions, tissue culture media, reagent preparation, virus suspensions, particle counting solutions, cleaning, rinsing solutions.

Developed for the safe and efficient filtration of critical biological and tissue culture solutions.

The capsule contains two layers of polyethersulfone membrane, which is inherently hydrophilic, low in extractables and has excellent flow rates. The membrane also exhibits low protein binding characteristics making it ideal for use with biologically sensitive solutions.

The device is supplied presterilised and has a vent to evacuate any air to allow fast filtration. The outlet of the capsule is protected to prevent touch contamination during set up. Some capsules available with filling bell for cleanliness assurance during filling.

SB = Stepped barb for 6mm to 10mm ( $\frac{1}{4}$  inch to  $\frac{3}{8}$  inch) tubing

$\frac{1}{2}$  inch SB = Stepped barb for 10mm to 12mm ( $\frac{3}{8}$  inch to  $\frac{1}{2}$  inch) tubing

MNPT = Male National Pipe Thread

#### Polycap™ TC 36mm capsule

Catalogue No	Legacy No	Alt. No	Pore size, $\mu\text{m}$	Filtration area, $\text{mm}^2$	Inlet connection	Outlet connection	Water flow rate L/min at 1.0 bar
11805515	-	6714-3601	0.2/0.1	44,000	SB	SB	3.5
11815515	-	6714-3602	0.2/0.2	44,000	SB	SB	5.3
10100145	-	6714-3604	0.65/0.45	44,000	SB	SB	9

#### Polycap™ TC 36mm capsule with filling bell

Catalogue No	Legacy No	Alt. No	Pore size, $\mu\text{m}$	Filtration area, $\text{mm}^2$	Inlet connection	Outlet connection	Water flow rate L/min at 1.0 bar
11834784	-	6715-3601	0.2/0.1	44,000	SB	SB	3.5
11860665	-	6715-3602	0.2/0.2	44,000	SB	SB	5.3
10112162	-	6715-3682	0.8/0.2	44,000	SB	SB	7.6
11825515	-	6716-3602	0.2/0.2	44,000	MNPT	SB	-
11819544	-	6715-3604	0.65/0.45	44,000	SB	SB	9

#### Polycap™ TC 75mm capsule

Catalogue No	Legacy No	Alt. No	Pore size, $\mu\text{m}$	Filtration area, $\text{mm}^2$	Inlet connection	Outlet connection	Water flow rate L/min at 1.0 bar
11810815	-	6714-7501	0.2/0.1	93,000	SB	SB	7
11809454	-	6714-7502	0.2/0.2	93,000	SB	SB	11.5
11855375	-	6717-7504	0.65/0.45	93,000	$\frac{1}{2}$ inch SB	$\frac{1}{2}$ inch SB	17
11804165	-	6717-7510	1.0/1.0	93,000	$\frac{1}{2}$ inch SB	$\frac{1}{2}$ inch SB	-

#### Polycap™ TC 75mm capsule with filling bell

Catalogue No	Legacy No	Alt. No	Pore size, $\mu\text{m}$	Filtration area, $\text{mm}^2$	Inlet connection	Outlet connection	Water flow rate L/min at 1.0 bar
11894155	-	6715-7502	0.2/0.2	93,000	SB	SB	11.5
10611013	-	6715-7582	0.8/0.2	93,000	SB	SB	15.2

#### Polycap™ TC 150mm capsule

Catalogue No	Legacy No	Alt. No	Pore size, $\mu\text{m}$	Filtration area, $\text{mm}^2$	Inlet connection	Outlet connection	Water flow rate L/min at 1.0 bar
11875505	-	6717-9501	0.2/0.1	190,000	$\frac{1}{2}$ inch SB	$\frac{1}{2}$ inch SB	17
10255641	-	6717-9502	0.2/0.2	190,000	$\frac{1}{2}$ inch SB	$\frac{1}{2}$ inch SB	26

#### Polycap™ TC 150mm capsule with filling bell

Catalogue No	Legacy No	Alt. No	Pore size, $\mu\text{m}$	Filtration area, $\text{mm}^2$	Inlet connection	Outlet connection	Water flow rate L/min at 1.0 bar
11800675	-	6718-9502	0.2/0.2	190,000	$\frac{1}{2}$ inch SB	$\frac{1}{2}$ inch SB	26
10561573	-	6718-9582	0.8/0.2	190,000	$\frac{1}{2}$ inch SB	$\frac{1}{2}$ inch SB	-