



sm VIALS PACK



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8-425 Screw Cap Vials / Flaconi a Vite 8-425					
Code Codice	Size Misura	Volume	Closure Chiusura	Packaging Confezione	Description / Descrizione
VV0802C	12x32mm	2ml	Screw 8-425	10x100	Clear glass screw vial with printed graduation Vetro bianco a vite con graduazione
VV0802A	12x32mm	2ml	Screw 8-425	10x100	Amber glass screw vial with printed graduation Vetro ambrato a vite con graduazione



8-425 PP black screw caps / Chiusure a vite 8-425 nere						
code codice	Material / Materiale				Packaging confezione	Description / Descrizione
	PTFE rubber PTFE gomma	PTFE/ silicone	PTFE/ silicone pre-slit	PTFE/ silicone/PTFE		
TV08TGON	☑	☒	☒	☒	10X100	8-425 PP black screw cap with PTFE/Orange rubber septa Capsula PP nero a vite 8-425 con setto PTFE/gomma
TV08TSIN	☒	☑	☒	☒	10X100	8-425 PP black screw cap with PTFE/silicone septa Capsula PP nero a vite 8-425 con setto PTFE/silicone
TV08TSSN	☒	☒	☑	☒	10X100	8-425 PP black screw cap with pre-slit PTFE/silicone septa Capsula PP nero a vite 8-425 con setto PTFE/silicone pre-slit
TV08TSTN	☒	☒	☒	☑	10X100	8-425 PP black screw cap with PTFE/silicone/PTFE septa Capsula PP nero a vite 8-425 con setto PTFE/silicone/PTFE

9mm Screw Cap Vials / Flaconi a Vite 9-425					
Code Codice	Size Misura	Volume	Closure Chiusura	Packaging Confezione	Description / Descrizione
VV0902C	12x32mm	2ml	Screw 9-425	10x100	Clear glass screw vial with printed graduation Vetro bianco a vite con graduazione
VV0902A	12x32mm	2ml	Screw 9-425	10x100	Amber glass screw vial with printed graduation Vetro ambrato a vite con graduazione



9-425 PP blue screw caps / Chiusure a vite 9-425 blu						
code codice	Material / Materiale				Packaging confezione	Description / Descrizione
	PTFE rubber PTFE gomma	PTFE/ silicone	PTFE/ silicone pre-slit	PTFE/ silicone/PTFE		
TV09TGOB	☑	☒	☒	☒	10X100	9-425 PP black screw cap with PTFE/Orange rubber septa Capsula PP nero a vite 9-425 con setto PTFE/gomma
TV09TSIB	☒	☑	☒	☒	10X100	9-425 PP black screw cap with PTFE/silicone septa Capsula PP nero a vite 9-425 con setto PTFE/silicone
TV09TSSB	☒	☒	☑	☒	10X100	9-425 PP black screw cap with pre-slit PTFE/silicone septa Capsula PP nero a vite 9-425 con setto PTFE/silicone pre-slit
TV09TSTB	☒	☒	☒	☑	10X100	9-425 PP black screw cap with PTFE/silicone/PTFE septa Capsula PP nero a vite 9-425 con setto PTFE/silicone/PTFE

10-425 Screw Cap Vials / Flaconi a Vite 10-425					
Code Codice	Size Misura	Volume	Closure Chiusura	Packaging Confezione	Description / Descrizione
VV1002C	12x32mm	2ml	Screw 10-425	10x100	Clear glass screw vial with printed graduation Vetro bianco a vite con graduazione
VV1002A	12x32mm	2ml	Screw 10-425	10x100	Amber glass screw vial with printed graduation Vetro ambrato a vite con graduazione



10-425 PP black screw caps / Chiusure a vite 10-425 nere						
code codice	Material / Materiale				Packaging confezione	Description / Descrizione
	PTFE rubber PTFE gomma	PTFE/ silicone	PTFE/ silicone pre-slit	PTFE/ silicone/PTFE		
TV10TGON	☑	☒	☒	☒	10X100	10-425 PP black screw cap with PTFE/Orange rubber septa Capsula PP nero a vite 10-425 con setto PTFE/gomma
TV10TSIN	☒	☑	☒	☒	10X100	10-425 PP black screw cap with PTFE/silicone septa Capsula PP nero a vite 10-425 con setto PTFE/silicone
TV10TSSN	☒	☒	☑	☒	10X100	10-425 PP black screw cap with pre-slit PTFE/silicone septa Capsula PP nero a vite 10-425 con setto PTFE/silicone pre-slit
TV10TSTN	☒	☒	☒	☑	10X100	10-425 PP black screw cap with PTFE/silicone/PTFE septa Capsula PP nero a vite 10-425 con setto PTFE/silicone/PTFE

All vials are made of type 1 glass according to European Pharmacopoeia.

Snap Cap Vials / Flacons Snap					
Code Codice	Size Misura	Volume	Closure Chiusura	Packaging Confezione	Description / Descrizione
VS1102C	12x32mm	2ml	Snap	10x100	Clear glass screw vial with printed graduation Vetro bianco a vite con graduazione
VS1102A	12x32mm	2ml	Snap	10x100	Amber glass screw vial with printed graduation Vetro ambrato a vite con graduazione



Natural Snap Caps / Chiusure Snap Trasparenti						
code codice	Material / Materiale				Packaging confezione	Description / Descrizione
	PTFE rubber PTFE gomma	PTFE/silicone	PTFE/silicone pre-slit	PTFE/silicone/PTFE		
TS11TGOT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10X100	Natural snap cap with PTFE/Orange rubber septa Tappo trasparente snap con setto PTFE/gomma
TS11TSIT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10X100	Natural snap clear cap with PTFE/silicone septa Tappo trasparente snap con setto PTFE/silicone
TS11TSSST	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10X100	Clear snap cap with pre-slit PTFE/silicone septa Tappo trasparente snap con setto PTFE/silicone pre-slit
TS11TSTT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10X100	Clear snap cap with PTFE/silicone/PTFE septa Tappo trasparente snap con setto PTFE/silicone/PTFE

Crimp Cap Vials / Flacons Crimp					
Code Codice	Size Misura	Volume	Closure Chiusura	Packaging Confezione	Description / Descrizione
VC1102C	12x32mm	2ml	Crimp (11mm)	10x100	Clear glass screw vial with printed graduation Vetro bianco a vite con graduazione
VC1102A	12x32mm	2ml	Crimp (11mm)	10x100	Amber glass screw vial with printed graduation Vetro ambrato a vite con graduazione



Aluminium Crimp Caps / Chiusure Crimp in Alluminio						
code codice	Material / Materiale				Packaging confezione	Description / Descrizione
	PTFE rubber PTFE gomma	PTFE/silicone	PTFE/silicone pre-slit	PTFE/silicone/PTFE		
TC11TGOA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10X100	11mm Alu Crimp cap with PTFE/Orange rubber septa Tappo alluminio crimp 11mm con setto PTFE/gomma
TC11TSA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10X100	11mm Alu Crimp cap with PTFE/silicone septa Tappo alluminio crimp 11mm con setto PTFE/silicone
TC11TSSA	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10X100	11mm Alu Crimp cap with pre-slit PTFE/silicone septa Tappo alluminio crimp 11mm con setto PTFE/silicone pre-slit
TC11TSTA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10X100	11mm Alu Crimp cap with PTFE/silicone/PTFE septa Tappo alluminio crimp 11mm con setto PTFE/sil/PTFE

All vials are made of type 1 glass according to European Pharmacopoeia.

HEADSPACE 20ml Crimp Cap Vials + Aluminium and Magnetic Crimp Closures
HEADSPACE vial di 20ml + Chiusure in Alluminio e Magnetico

Code Codice	Closure Material		Septa / Setto	Bottom Fondo	Packaging Confezione	Description / Descrizione
	Aluminium Alluminio	Magnetic Magnetico				
VT20C	☑	☒	Ultra low bleed PTFE/silicone PTFE/silicone a bassa cessione	Round/Tondo	1x100	20ml clear glass crimp vial + 20mm Alu crimp cap with ultra low bleed PTFE/silicone. Vial 20ml vetro trasparente crimp 20 + ghiera crimp 20mm in alluminio e setto PTFE/silicone.
VT20CM	☒	☑	Ultra low bleed PTFE/silicone PTFE/silicone a bassa cessione	Round/Tondo	1x100	20ml clear glass crimp vial + 20mm magnetic crimp cap with ultra low bleed PTFE/silicone. Vial 20ml vetro trasparente crimp 20 + ghiera crimp 20mm magnetica e setto PTFE/silicone.
VT2PC	☑	☒	Ultra low bleed PTFE/silicone PTFE/silicone a bassa cessione	Flat/Piatto	1x100	20ml clear glass crimp vial + 20mm Alu crimp cap with ultra low bleed PTFE/silicone. Vial 20ml vetro trasparente crimp 20 + ghiera crimp 20mm in alluminio e setto PTFE/silicone.
VT20PCM	☒	☑	Ultra low bleed PTFE/silicone PTFE/silicone a bassa cessione	Flat/Piatto	1x100	20ml clear glass crimp vial + 20mm magnetic crimp cap with ultra low bleed PTFE/silicone. Vial 20ml vetro trasparente crimp 20 + ghiera crimp 20mm magnetica e setto PTFE/silicone.



20ml Screw Cap Vials + Magnetic Screw Closures
Vial di 20ml + Chiusure Magnetiche

Code Codice	Closure Material	Septa / Setto	Bottom Fondo	Packaging Confezione	Description / Descrizione
VT2CCM	Magnetic Magnetico	Ultra low bleed PTFE/silicone PTFE/silicone a bassa cessione	Flat/Piatto	1x100	20ml clear glass Screw vial + 20mm magnetic screw cap with ultra low bleed PTFE/silicone. Vial 20ml vetro in trasparente + ghiera a vite 20mm magnetica e setto PTFE/silicone.
VT2DCM	Magnetic Magnetico	Ultra low bleed PTFE/silicone PTFE/silicone a bassa cessione	Round/Tondo	1x100	20ml clear glass Screw vial + 20mm magnetic screw cap with ultra low bleed PTFE/silicone. Vial 20ml vetro trasparente a vite 20 + ghiera a vite 20mm magnetica e setto PTFE/silicone.



VOA/ASE 40ml & 60ml storage vial with PP black screw closures / flaconi per stoccaggio VOA/ASE con capsula PP nera a vite

Code Codice	Size Misura	Volume	Closure Chiusura	Septa Setto	Packaging Confezione	Description
VT40C	27,50 x 95	40ml	Screw	PTFE/ silicone septa	1x100	40ml clear glass screw vial + 24-410 PP black screw cap with ultra low bleed PTFE/silicone septa Vial 40ml a vite in vetro trasparente + capsula nera 24-410 con setto PTFE/silicone a bassa cessione
VT60C	27,5 x 140	60ml	Screw	PTFE/ silicone septa	1x100	60ml clear glass screw vial + 24-410 PP black screw cap with ultra low bleed PTFE/silicone septa Vial 60ml a vite in vetro trasparente + capsula nera 24-410 con setto PTFE/silicone a bassa cessione



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SEPTUM SELECTION

MANUFACTURER	MODEL	11mm CRIMP	8-425 SCREW THREAD	9-425 (9mm) SCREW THREAD	10-425 (9mm) SCREW THREAD	HEADSPACE
AGILENT TECHNOLOGIES	1050	☑	☒	☑	☒	☒
	1090A	☑	☑	☑	☒	☒
	1100/1200 WELLPLATE/ NANOFLOW	☑	☒	☑	☒	☒
	6850ALS	☑	☒	☒	☒	☒
	7673A/7683	☑	☒	☒	☒	☒
	7694E	☒	☒	☒	☒	☑
BECKMAN COULTER	501/507/SYSTEM GOLD	☑	☑	☑	☒	☒
DIONEX	ASI-100/A550	☑	☑	☑	☑	☒
	AS-40	☒	☑	☒	☒	☒
	FAMOS	☑	☑	☑	☒	☒
FISONS	A-200S7AS 150/800/800	☑	☑	☑	☒	☒
GERSTEL	MPS2	☑	☑	☑	☑	MAGNETIC
	MPS 3	☑	☑	☑	☑	☒
GILSON	234,235,250	☑	☑	☑	☒	☒
	231 XL/232 XL/233 XL	☑	☑	☑	☒	☒
	215	☑	☑	☑	☑	☒
HITACHI	AS-1000, AS-2000	☑	☑	☑	☒	☒
	AS-4000	☑	☒	☑	☒	☒
	LACHROM L-7200/7250	☑	☑	☑	☒	☒
	LACHROM ELITE L-2200	☑	☑	☑	☒	☒
JASCO	AS-2059/AS2059PLUS	☒	☒	☒	☑	☒
	AS-2055/AS2057	☒	☒	☒	☑	☒
LEAP TECHNOLOGIES / CTC	CLPAL/GC/PAL	☑	☑	☑	☑	☒
	COMBI PAL	☑	☑	☑	☑	☒
	HTC PAL/HTS PAL	☑	☑	☑	☑	☒
PERKIN ELMER	AUTOSYSTEM/AS-2000/XL	☑	☑	☑	☒	☒
	CLARUS 500/600	☑	☒	☑	☒	☒
	LC PLUS	☑	☑	☑	☑	☒
SHIMADZU	AOC-8B/9, AOC-14/1400	☑	☑	☑	☒	☒
	AOC-5000	☑	☑	☑	☑	MAGNETIC
	AOC-20	☑	☒	☑	☒	☒
	HSS-2B/4B	☒	☒	☒	☒	☑
	SIL-10A	☒	☑	☑	☑	☒
	SIL-HT/10ADVP, LC-2010	☑	☑	☑	☑	☒
SPARK-HOLLAND	SYMBIOSIS / RELIANCE	☑	☑	☑	☑	☒
THERMO SCIENTIFIC	SURVEYOR LC	☑	☑	☑	☒	☒
	AS-3000/TRACE GC/FOCUS LC	☑	☒	☑	☒	☒
	TRIPLUS	☑	☑	☑	☑	☑
TELEDYNE/TEKMAR	7000/7050	☒	☒	☒	☒	☑
	HT3A	☒	☒	☒	☒	☑
VARIAN	CP-8410	☑	☑	☑	☑	☒
	COMBIPAL	☑	☑	☑	☑	MAGNETIC
	8034/8035/8100/8200	☑	☑	☑	☒	☒
	9095/9100	☑	☑	☑	☒	☒
	PROSTAR 400/410/420	☑	☑	☑	☑	☒
	PROSTAR 430	☑	☑	☑	☑	☒
	GENESIS	☑	☒	☒	☒	☒
WATERS	WISP 48 POSITION TRAY	☒	☒	☒	☒	☒
	ALLIANCE 2690	☒	☑	☑	☑	☒
	MODEL 2767	☒	☑	☑	☑	☒
	MODEL 2777	☒	☒	☒	☑	☒
	ACQUITY	☑	☑	☑	☑	☒

SEPTA CHOICE

PTFE/ Rubber Septa: PTFE/ Rubber septa are the most popular and economical choice for general GC applications. Used primarily for routine analysis in gas chromatography with FID, TCD and FPD detectors, PTFE/ Rubber septa offer moderate resealability and excellent chemical inertness before puncture. The low durometer Of rubber allows for easy needle penetration even with thin bore GC needles. PTFE/Rubber septa are not recommended for multiple injections or retention of samples for further analysis.

PTFE/Silicone Septa: High-quality, pure silicone PTFE for a pure, greatly inert septum with excellent resealing characteristics even after repeated punctures. PTFE/Silicone septa are ideal for use in most HPLC applications and GC applications where resealability and purity are critical.

PTFE/Silicone/PTFE Septa: A layer of PTFE is laminated to each side of high-purity, medium durometer silicone to form a septum that is resistant to coring, but still maintains good resealing characteristics. T/S/T septa are recommended for the most critical applications such as ultratrace analysis, where there is a longer time between injections, or for internal standard methods. T/S/T septa provide superior performance with Agilent 1050, 1090, 1100, or any autosampler employing a large diameter, blunt-tip needle.

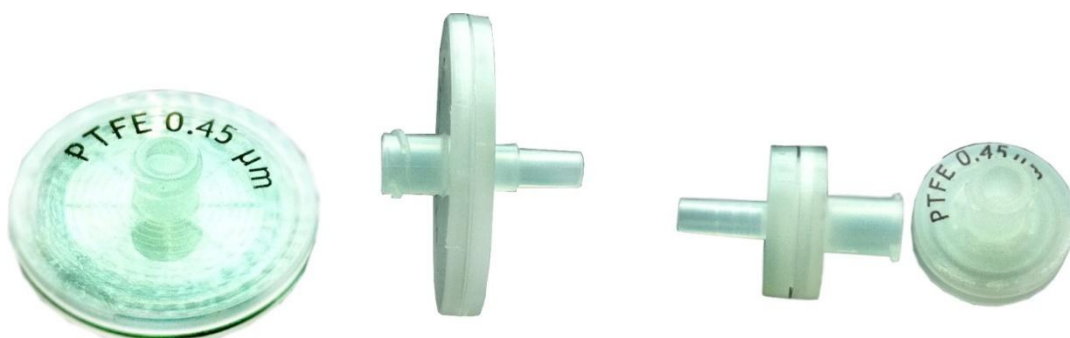
Pre-slit PTFE/Silicone Septa: A PTFE/Silicone septum is provided with a PTFE layer laminated to highly pure silicone, and slit through the center for easier needle penetration and to release the vacuum that forms when a large volume of sample is withdrawn from a vial. This septum provides chromatographic characteristics similar to that of a septum without a slit, except that the ability to withstand exposure to aggressive solvents is slightly lessened. Pre-slit septa are highly recommended for Shimadzu, Hitachi, and other autosamplers with thin gauge needles.

SEPTUM SELECTION GUIDE

Septum Material	Compatible with	Incompatible with	Resealability	Max. Temperature
Rubber (Natural or Butyl)	ACN, acetone, DMF, alcohols, diethylamine, DMSO, phenols	Chlorinated solvents, aromatics, hydrocarbons, carbon disulfide	Excellent	< 100°C
PTFE/Natural or Butyl Rubber	PTFE resistance until punctured, then septa or liner will have compatibility of rubber		Good	< 100°C
Silicone/Silicone Rubber	Alcohol, acetone, ether, DMF, DMSO	ACN, THF, benzene chloroform, pyridine, toluene, hexane, heptane	Excellent	< 200°C
PTFE/Silicone, PTFE/Silicone/PTFE	PTFE resistance until punctured, then septa will have compatibility of silicone		Average	< 200°C
Viton	Chlorinated solvents, benzene, toluene, alcohols, hexane, heptane	DMF, DMSO, ACN, THF, pyridine, dioxane, methanol, acetone	Good	< 260°C

FILTRI SIRINGA/SYRINGES FILTERS

Codice	Descrizione	Confezione	Note
Filtri Siringa in Acetato di Cellulosa			
13CA020	Filtro siringa 13mm 0,20µm in Cellulosa Acetato	500 pezzi	Disponibili con porosità 1,20 e 5 µm
25CA020	Filtro siringa 25mm 0,20µm in Cellulosa Acetato	500 pezzi	Disponibili con porosità 1,20 e 5 µm
13CA045	Filtro siringa 13mm 0,45µm in Cellulosa Acetato	500 pezzi	Disponibili con porosità 1,20 e 5 µm
25CA045	Filtro siringa 25mm 0,45µm in Cellulosa Acetato	500 pezzi	Disponibili con porosità 1,20 e 5 µm
13CA080	Filtro siringa 13mm 0,80µm in Cellulosa Acetato	500 pezzi	Disponibili con porosità 1,20 e 5 µm
25CA080	Filtro siringa 25mm 0,80µm in Cellulosa Acetato	500 pezzi	Disponibili con porosità 1,20 e 5 µm
Filtri Siringa in Nylon			
13NY020	Filtro siringa 13mm 0,20µm in Nylon	500 pezzi	Disponibili in formato membrana da 25 e 47mm
25NY020	Filtro siringa 25mm 0,20µm in Nylon	500 pezzi	Disponibili in formato membrana da 25 e 47mm
13NY045	Filtro siringa 13mm 0,45µm in Nylon	500 pezzi	Disponibili in formato membrana da 25 e 47mm
25NY045	Filtro siringa 25mm 0,45µm in Nylon	500 pezzi	Disponibili in formato membrana da 25 e 47mm
Filtri Siringa in Cellulosa Rigenerata			
13RC020	Filtro siringa 13mm 0,20µm in Cellulosa Rigenerata	500 pezzi	Disponibili in formato membrana da 25 e 47mm
25RC020	Filtro siringa 25mm 0,20µm in Cellulosa Rigenerata	500 pezzi	Disponibili in formato membrana da 25 e 47mm
13RC045	Filtro siringa 13mm 0,45µm in Cellulosa Rigenerata	500 pezzi	Disponibili in formato membrana da 25 e 47mm
25RC045	Filtro siringa 25mm 0,45µm in Cellulosa Rigenerata	500 pezzi	Disponibili in formato membrana da 25 e 47mm
Filtri Siringa in Teflon			
13PT020	Filtro siringa 13mm 0,20µm in Teflon	500 pezzi	Disponibili in formato membrana da 25 e 47mm
25PT020	Filtro siringa 25mm 0,20µm in Teflon	500 pezzi	Disponibili in formato membrana da 25 e 47mm
13PT045	Filtro siringa 13mm 0,45µm in Teflon	500 pezzi	Disponibili in formato membrana da 25 e 47mm
25PT045	Filtro siringa 25mm 0,45µm in Teflon	500 pezzi	Disponibili in formato membrana da 25 e 47mm
Filtri Siringa in Fibra di Vetro			
25GF070	Filtro siringa 25mm 0,70µm in Fibra di vetro	500 pezzi	
25GF100	Filtro siringa 25mm 1,00µm in Fibra di vetro	500 pezzi	
25GF120	Filtro siringa 25mm 1,20µm in Fibra di vetro	500 pezzi	
25GF310	Filtro siringa 25mm 3,10µm in Fibra di vetro	500 pezzi	



Compatibility Chart

Sostanza	CA	NC MCE	RC	PES	NY	PTFE	PVDF	PE	GF
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ACIDS

Acetic, 25%	R	R	R	N	L	R	R	R	
Acetic, Glacial	N	N	R	N	N	R	R	R	R
Formic 25%	L		R		N	R	-	R	
Hydrochloric 25%	N	L	N		N	R	R	R	
Hydrochloric concentrated	N	N	N	N	N	R	N	R	R
Hydrofluoric 10%	N	L	L	-	N	R		R	-
Nitric 25%	N	L	N		N	R	R	R	
Nitric concentrated	N	N	N	N	N	R	N	N	
Phosphoric 25%	L	L	L	R	N	R	-	R	
Sulfuric concentrated	N	N	N	N	N	R	N	R	R
Trichloroacetic 10%	N	L	R		N	R	-	R	

ALKALIES

Ammonium Hydroxide 25%	N	L	L	R	R	R	L	R	R
Sodium Hydroxide 3 Normal	N	N	L	R	R	R	R	R	-

ALCOHOLS

Benzyl Alcohol	L	L	R	N	R	R	R	R	R
Butyl Alcohol	R	R		L	R	R	R	R	R
Ethanol 98%	R	L	R	N	R	R	R	R	R
Ethylene glycol	R	L	R	R	R	R	R	R	R
Glycerol	R		R	R	R	R	R	R	R
Isobutyl Alcohol	L	L		R	R	R	R	R	R
Isopropanol, n-Propanol	R	L	R	R	R	R	R	R	R
Methanol 98%	R	N	R	L	R	R	R	R	R
Propylene glycol	L		R	R	R	R	R	R	

HYDROCARBONS

Hexane, Xylene	R	R	R	N	R	R	R	R	R
Kerosene, Gasoline	R	R	R	R	R	R	R	R	R
Tetrakin, Decalin	N		-		R	R	R	-	
Toluene, benzene	L	R	R	N	R	R	R	R	R

HALOGENATED HYDROCARBONS

Carbon Tetrachloride	L		R	R	R	R	R	R	R
Chloroform	N	R	R	N	R	R	R	R	R
Methylene Chloride	N	L	R	N	L	R	N	R	R
Monochlorobenzene, Freon	R	R	R		R	R	R	R	
Trichloethylene	R	R	R	N	R	R	R	R	R

KETONES

Acetone, Cyclohexanone	N	N	R	N	N	R	N	R	N
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ESTERS									
Amyl Propyl & Butyl Acetate	L	N	R		R	R	-	R	
Benzyl Benzoate			R		R	R	-	-	
Butyl Acetate	L			N					
Ethyl Acetate & Methyl Acetate	N	N	R	N	R	R	R/L	R	
Methyl Cellosolve Acetate			R		-	R	-	-	
Propylene Glycol Acetate			R		-	R	-	R	

OXIDES - ETHERS									
Dimethylsulfoxide (DMSO)	N	N	R	N	R	R	N	R	R
Dioxane & Tetrahydrofuran	N	N	R	L	R	R	L	R	R
Ethyl Ether	L	N	R	R	R	R	R	L	-
Isopropyl Ether			R		-	R	R	R	

SOLVENTS WITH NITROGEN									
Acetonitrile	N		R	N	R	R	N	R	R
Diethylacetamide	N		R	N	R	R	-	R	
Dimethyl Formamide	N		L		L	R	N	R	
Pyridine	N		R	N	R	R	R	R	
Triethanolamine			R		R	R	N	-	

MISCELLANEOUS									
Formaldehyde Solution 30%	L		N	R	R	R	L	R	R
Hydrogen Peroxide 30%	R	R	R	N	L	R	R	R	
Phenol, Aqueous 10%			N		-	R	R	R	
Pyridine	N		R	N	R	R	R	R	R
Silicone Oil & Mineral Oil	R		R	R	R	R	R	R	R

R = Recommended. No significant change observed in flow rate or bubble point of the membrane, nor visible indication of chemical attack
L = Limited Recommended. Moderate changes in physical properties. The filter may be suitable for short term, non critical use.
N = Not Recommended. The membrane is basically unstable
- = Insufficient Data. Information is not available. Trial testing is recommended

CA = cellulose acetate
NC = nitrocellulose, mixed esters
RC = regenerated cellulose
PES = polyethersulfone
NY = nylon
PTFE = polytetrafluoroethylene
PVDF = polyvinylidene fluoride
PE = polyethylene
GF = glass fiber