



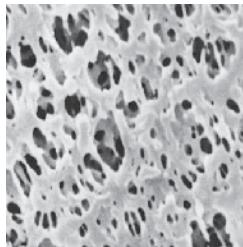
Life Sciences

過濾難題

一顆解答

親水 抗所有溶劑

GHP 兩性材質



GHP材質特性

- ▶ 廣泛的化學耐受性，完全取代PTFE、PVDF、Nylon、CA、RC等各式材質。
- ▶ 純淨濾膜孔徑，99%以上攔阻率，保護Column不易阻塞，維持上機注射次數。
- ▶ 超低材質溶出，超低樣品吸附，忠實呈現分析數據。
- ▶ 具有高流速及高孔隙度，輕鬆完成樣品及移動相過濾。
- ▶ 同時具有PSF多層預濾膜設計，提供較難過濾樣品解決方案。

最佳抗化學耐受性／困難過濾檢體處理／珍貴檢體低殘留需求

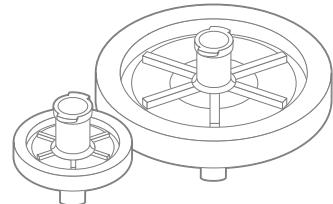
HPLC或LC / MS / MS 等儀器分析，樣品及移動相過濾最好的選擇

GHP產品訂購資訊

標準型 GHP Acrodisc 針筒過濾器



Pall #	Description	Pkg
6054567	13mm, 0.2 µm	100ea/pk
6054563	13mm, 0.45 µm	100ea/pk
6054566	25mm, 0.2 µm	100ea/pk
6054562	25mm, 0.45 µm	100ea/pk



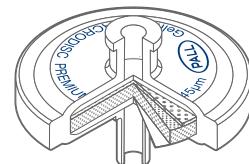
低殘留型 GHP minispike Acrodisc 針筒過濾器,每顆具規格標示

Pall #	Description	Pkg
4554	13mm, 0.2 µm , minispike	100ea/pk
4556	13mm, 0.45 µm , minispike	100ea/pk



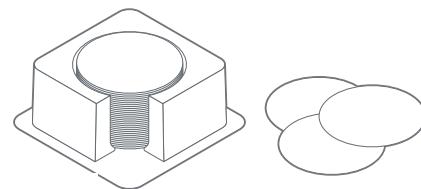
PSF 預濾型 GHP GxF 針筒過濾器,具特殊 1~40µm 預濾膜結構,
針對困難過濾樣品最佳選擇,有效提升樣品處理量 2~4倍

Pall #	Description	Pkg
AP-4306-1	25mm, GxF/0.2µm	50ea/pk
AP-4558-1	25mm, GxF/0.45 µm	50ea/pk



GHP disc membrane 通用型兩性移動相過濾膜

Pall #	Description	Pkg
66557	47mm, 0.2 µm	100ea/pk
66548	47mm, 0.45 µm	100ea/pk



保吉生化學股份有限公司
BIO-CHECK LABORATORIES LTD.

台北 | (02) 2246-7799
台中 | (04) 2371-9412
台南 | (06) 238-9287
高雄 | (07) 222-9968

濾膜材質 抗化學性耐受表

	Acetic acid, glacial	Acetic acid, 90%	Acetic acid, 30%	Acetic acid, 10%	Hydrochloric acid, conc. (35%)	Hydrochloric acid, 6N, (20%)	Nitric acid, conc. (3.3%)	Nitric acid, 6N (67%)	Sulfuric acid, conc. (96%)	Sulfuric acid, 6N (16%)	Amyl alcohol	Benzyl alcohol	Butanol	Ethanol	Isopropanol	Methanol	Ammonium hydroxide, 3N (5.7%)	Ammonium hydroxide, 6N (11.4%)	Potassium hydroxide, 3N (15%)	Sodium hydroxide, 3N (11%)	Amyl acetate	Butyl acetate	Cellosolve acetate	Ethylacetate	Isopropyl acetate	Methyl acetate	Ethyl ether	Tetrahydrofuran	Ethylene glycol/water(50/50,v/v)	Glycerol	Propylene glycol	Benzene	Xylene	Carbon tetrachloride	Chloroform	Ethylene dichloride	Methylene chloride	Tetrachloroethylene	Acetone	Cyclohexanone	Methyl ethyl ketone (MEK)	Methyl isobutyl ketone	Cottonseed	Peanut	Acetonitrile	Dimethyl formamide (DMF)	Dimethyl sulfoxide (DMSO)	Formaldehyde, 34%	Formaldehyde, 4%	Hexane, dry	Kerosene	Pyridine	18 Megohm water
	Acids		Alcohols		Bases		Esters		Ethers		Glycols		Aromatic Hydrocarbons		Halogenated Hydrocarbons		Ketones		Oils		Miscellaneous																																
GH Polypore (GHP) (PP) Membrane	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																
Teflo, TF (PTFE) Membrane	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																
FP Vericel™ (PVDF) Membrane	R	R	R	R	R	R	R	R	N	-	R	R	R	R	R	R	N	N	N	N	R	R	L	R	R	R	R	N	-	R	R	R	R	R	R	R	R																
Nylaflow™ (Nylon) Membrane	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	R	N	R	R	R	R	R	R	R	R	R	R	L	R	R	R	R	R	R	R	R																
Supor® (PES) Membrane	R	R	R	R	R	R	R	N	-	N	-	N	N	R	R	R	R	R	R	R	R	R	R	R	R	R	R	N	-	R	R	R	R	R	R	R	R																

Caution

Alcohol residues that are allowed to dry on a filter may cause stress cracks. Pall Corporation recommends that filters used in alcohol processing should remain alcohol wet, or should be flushed with copious quantities of water to remove residuals prior to drying and subsequent reuse.

R = Resistant

No significant change was observed in flow rate or bubble point of the membrane, was detected no visible indication of chemical attack.

L = Limited Resistance

Moderate changes in physical properties or dimensions of the membrane were observed. The filter may be suitable for short term, non-critical use. Hardware or housing may be suitable for short-term exposure at low pressures and ambient temperatures.

N = Not Resistant

The membrane or housing is basically unstable and is not recommended for use.

- = Insufficient Data

Information is not available. Trial testing is recommended.

GHP與其他常用分析前處理濾膜材質特性比較表

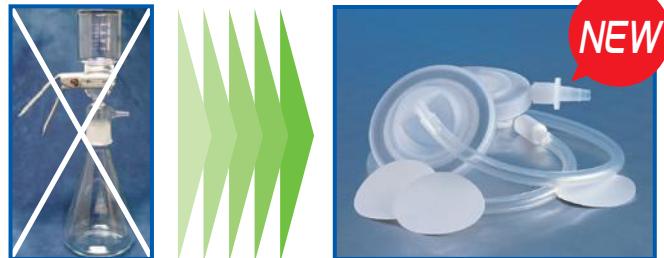
Membrane	Proteinaceous	General Aqueous	Non-Aggressive Organic	Aggressive Organic	Hydrophobic vs Hydrophilic
GHP	++	++	++	++	Hydrophilic
PTFE	-	-	++	++	Hydrophobic
PVDF	++	++	+	-	Hydrophilic
Nylon	+*	++	+	-	Hydrophilic

++ 適合過濾

+ 有限制過濾

- 不適合過濾

磁吸式過濾匣



NEW

新一代膜過濾裝置，儀器分析移動相，及溶液配製過濾的好幫手

產品特色

- ▶ P.P塑膠材質，安全不易破碎。
- ▶ 連續式抽濾，輕鬆處理樣品。
- ▶ 磁吸式上下座，組裝更簡便。
- ▶ 濾液直接盛接，不需另外裝瓶。

Pall #	Description	Pkg
4020	本體材質：P.P	1ea/pk



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