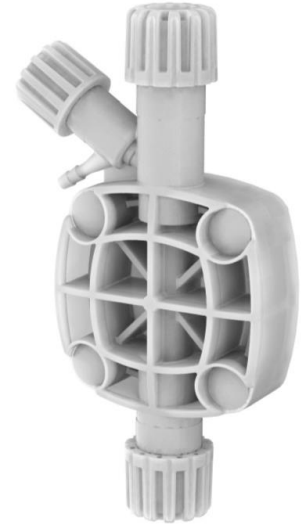


# PVDF Pump Head

## OVERVIEW

The Etatron PVDF pump head is robust and chemically resistant. Choose either a standard pump head with manual air bleed or an automatic air bleed model for gaseous liquids.



## TECHNICAL FEATURES

- *Minimum flow rate:* 1 l/h (standard)  
2 l/h (automatic)
- *Maximum flow rate:* 15 l/h
- *Maximum pressure:* 15 bar
- *Connections:* 4x6 and 6x8 (for eOne pump)  
4x6 (for DLX, BT and PKX pumps)
- *Body:* PVDF
- *Seals:* FPM, TFE/P, EPDM
- *Valves:* Ceramic balls

## PRODUCT CODES

Model				
SCP8	PVDF pump head			
	Type			
	00	Manual air bleed		
	01	Automatic air bleed		
	10	Manual air bleed (high flow rate model for eOne pump)		
		Dosing Pump		
		54	For eOne pumps	
		68	For DLX, DLXB, PKX and BT pumps	
			Seals	
			51	FPM
			61	EPDM
			71	TFE/P
SCP8	01	54	71	PVDF automatic air bleed pump head for eOne pumps

# Chemical Compatibility

## General Reference

Chemical	Formula	PVDF	PP	PTFE	PVC	PE	TFE/P	AISI 316	FPM Viton	EPDM Dutral	Motor Pump Configuration Suggestion
Acetic Acid	CH <sub>3</sub> COOH	Yes	Yes (60%)	Yes	Yes (50%)	Yes (60%)	Yes (34%)	Yes	Yes	Yes (50%)	AT
Acetone	CH <sub>3</sub> COCH <sub>3</sub>	Yes	No	Yes	No	No	No	Yes	No	Yes	AT
Aluminium Sulfate	Al (SO <sub>4</sub> ) <sub>3</sub>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	BP
Aluminium Phosphate	AlPO <sub>4</sub>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	BP
Ammonium Aluminium Sulfate	NH <sub>4</sub> Al(SO <sub>4</sub> ) <sub>2</sub>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	BA
Calcium Bisulphate	Ca(HSO <sub>3</sub> ) <sub>2</sub>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	BA
Calcium Chloride	CaCl <sub>2</sub>	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	BA
Calcium Hypochlorite	Ca(OCl) <sub>2</sub>	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	BA
Calcium Sulfate	CaSO <sub>4</sub>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	BA
Hydrochloric Acid	HCl	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	BA
Hydrofluoric Acid	HF	Yes	Yes (60%)	Yes	Yes (30%)	Yes (60%)	Yes	No	Yes	No	SA
Hydrogen Peroxide	H <sub>2</sub> O <sub>2</sub>	Yes	Yes (30%)	Yes	Yes (30%)	Yes	Yes	Yes	Yes (30%)	Yes (30%)	AP
Nitric Acid	HNO <sub>3</sub>	Yes	Yes (50%)	Yes	Yes (50%)	Yes (50%)	Yes	Yes (85%)	Yes (60%)	No	AT
Peracetic Acid	C <sub>2</sub> H <sub>4</sub> O <sub>3</sub>	Yes	Yes	Yes	No	No	-	Yes	Yes	No	SA
Potassium Hydroxide	KOH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	BI
Potassium Sulfate	K <sub>2</sub> SO <sub>4</sub>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	BP
Sodium Carbonate	Na <sub>2</sub> CO <sub>3</sub>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	BP
Sodium Bisulfate	NaHSO <sub>4</sub>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	BA
Sodium Chloride	NaCl	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	BA
Sodium Hydroxide (50%)	NaOH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	BI
Sodium Hypochlorite	NaOCl	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	BA
Sulfuric Acid	H <sub>2</sub> SO <sub>4</sub>	Yes	Yes (50%)	Yes	Yes (60%)	Yes (50%)	Yes	No	Yes	Yes (50%)	SA

*This chart is the result of Etatron's practical experience. The resistance of the materials depends also on operating conditions, temperature, etc. This list is indicative only and no responsibility is accepted. In cases of doubt, tests should be performed. For chemicals not listed please contact us. Please note that PTFE and PVDF are resistant against most chemicals (excluding fluorine for the first and ketones and esters for the second).*