

FILTRATION

Superior Strength. Optimal Performance. Structural Filtration Media.

▼ **POREX[®] MacroFlow[™] PE Tube**



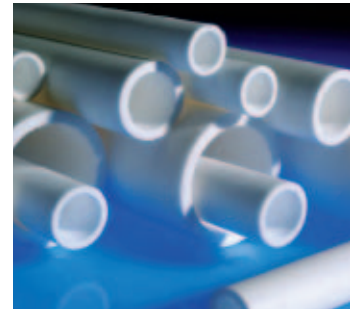
POREX
FILTRATION DIVISION

Solutions Through Material ScienceSM

POREX® MacroFlow™ PE Tube

provides fluid filtration capabilities well suited to candle filter applications. Polyurethane and polypropylene endcaps are available on 2.4 inch OD tubes.

POREX MacroFlow PE Tubes are designed to fit standard Schedule 40 PVC end fittings and couplings. Manufactured of porous polyethylene (HDPE or UHMWPE), it is available in 5, 10 and 20 micron pore sizes. The omnidirectional porous structure is excellent for filtration and separation, as well as cleaning and backwash.



Applications

- Diatomaceous Earth pre-coat tubes, in food, beverage and industrial applications
- Fine pore filtration for commercial and residential water treatment
- Candle filter performance for surface capture and backwash
- Filtration of electroplating solution baths, and other chemical processes
- Pre RO for municipal and industrial water

Features and Benefits

- Rigid, lightweight Schedule 40 PVC sized tubes are easy to handle and can be easily fabricated into piping systems with off the shelf components.
- High-Density Polyethylene tubes have excellent resistance to chemicals and abrasion.
- Omnidirectional porous structure, available in 5, 10, and 20 micron pore sizes, provides uniform pore distribution.
- Material complies with the Code of Federal Regulations, Title 21, Section 177.1520 Item 2.1, for food contact.

Product Ordering Guide

MacroFlow PE Tube Ordering Guide

Part Number Key (Example: TPE010049CE)

Type		Tube Polymer		Pore Size (Microns) Nominal		Tube OD (inches)		Length		Endcap		Seal	
TP	Tube Porous Plastic	E	Polyethylene	005	5 Micron	04	2.40	A	9.9in.	A	DOE Gasket	E	Ethylene Propylene
				010	10 Micron			B	19.9in.	B	SOE Gasket	S	Silicone
				020	20 Micron			C	29.9in.	C	222/Flat	V	Viton
								D	39.9in.	D	222/Fin	F	FEP
								E	50in.	E	226/Flat	B	Buna
								1	1ft.	F	226/Fin	0	None
								2	2ft.	G	Gasket/Spring		
								3	3ft.	H	222/222		
								4	4ft.	0	None		
								5	9.75in.				
								6	19.5in.				
								7	29.25in.				
								8	39in.				
								9	60in.				



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