

# GELCROC PE®

## POLYESTER DEPTH FILTER FOR SOLVENTS AND HIGH TEMPERATURE APPLICATIONS

arranged.

The Polyester fiber depth structure is thermally bonded. This rigid matrix can resist high temperatures and prevent fibers' shifting. Even under critical process conditions and pressure fluctuations in the process line caused by, e.g. opening/shutting of valves.

GELCROC PE has an **asymmetric filter media construction** (outside larger pores, inside the finest pores), offering excellent dirt-holding-capacities and long filter service life.

**100% made of Polyester**; no binders are used during production. All parts are extruded and thermally bonded. GELCROC PE filters are clean (no extraction) and offer accurate and consistent filtration.

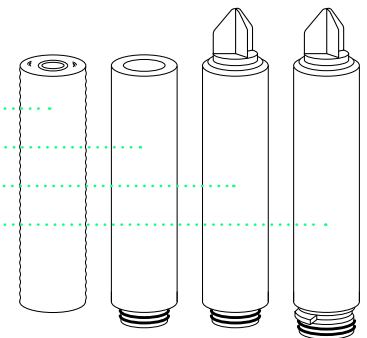
**Resistant against many solvents**, e.g. benzene, cyclohexane, DMF, ethyl acetate, hexane, MEK.



GELCROC PE vs Resin Bonded

APPLICATIONS:	<b>Solvents, high temperature, polymer solutions, glues &amp; adhesives, coatings.</b>
MAX. DIFFERENTIAL PRESSURE:	5 bar at 20°C
MAX. OPERATING TEMPERATURE:	120°C
MATERIAL:	<b>Polyester (PBT)</b>

	LENGTH	GRADE	O-RING/GASKET	ADAPTER
<b>GPE</b>	<b>10</b> = 10 inch	<b>001</b> = 1 micron	<b>X</b> = no gasket	<b>X</b> = DOE
	<b>20</b> = 20 inch	<b>003</b> = 3 micron	<b>E</b> = EPDM	<b>0</b> = 222/Flat
	<b>30</b> = 30 inch	<b>005</b> = 5 micron	<b>N</b> = Buna N	<b>5</b> = 222/Spear
		<b>010</b> = 10 micron	<b>V</b> = FKM	<b>7</b> = 226/Spear
		<b>025</b> = 25 micron		
		<b>050</b> = 50 micron		
	<b>075</b> = 75 micron			
	<b>100</b> = 100 micron			



Example: GPE10025E0 = 10 inch length, 25 micron, EPDM orings, Adapter 0