

InterPhase™ SP

Silicone Treated Cellulose Separators

InterPhase SP separators are used in conjunction with InterPhase liquid/liquid coalescers. The InterPhase SP is hydrophobic and repels water droplets that form while passing through the coalescers. They perform exceptionally well in a broad range of liquid applications. Generally, the pleated, silicone treated cellulose separator is considered the best general purpose separator yielding lower pressure loss and providing extended separation surface area.



THE BOTTOM LINE

- The Right Choice for the Right Application**
 Discovering the right filtration solution for your application will generally reduce overall costs associated with maintenance and operations. PECOFacet is continually working with customers to optimize separator performance. We manufacture the most diverse line of separators in different materials and configurations to fit your needs. In addition, we can develop special configurations to meet specific application requirements. Let one of our technically trained staff members assist you!
- Economical**
 The InterPhase SP cellulose separators offer an economical alternative to Teflon® and synthetic separators. When you can't afford the downtime associated with removing and cleaning reusable separator elements, the InterPhase SP is a great choice. It's inexpensive and disposable.
- Continuous Length**
 PECOFacet offers continuous length separators that can retrofit most commercially available fixed length separators. This eliminates the need for stacking separators, minimizes process downtime, reduces separator change-out costs and eliminates the risk of downstream equipment damage and off-spec product caused when contaminant bypasses the seal between stacked separators.
- Common Sizes and End Cap Styles**
 Easy installation in existing vessels without modifications. Saves costly downtime and maintenance expenses associated with vessel modifications.

APPLICATIONS

- General Industrial**
 chemicals, resins, solvents, hydraulic oils, lube oils
- Petroleum Refining**
 hydrocarbon feed stocks, fuels, crude, condensates, distillates
- Pipelines and Petroleum Terminals**
 diesel, gasoline, kerosene, LNG, LPG
- Power Generation**
 turbine lube and hydraulic oil
- Pulp & Paper**
 lube and hydraulic oil
- Electricity Transmission**
 transformer oils

SPECIFICATIONS

MATERIALS

- MEDIA** pleated, silicone treated cellulose
- CORE** steel (galvanized or tin plated)
- END CAPS** steel (galvanized or tin plated)
- GASKETS** buna-n
- OPTIONS** gasket materials, adhesives

OPERATING DATA

Max Temp. [F]	pH Range
240	5 - 9

- Recommended change-out DP is 15 psid**
- Normal flow direction is outside to inside**

NOMINAL DIMENSIONS

Model	O.D. [in.]	I.D. [in.]	Length [in.]
SP611	6.0	3.5	11.25
SP614	6.0	3.5	14.5
SP616	6.0	3.5	16.25
SP622	6.0	3.5	22.25
SP629	6.0	3.5	28.75
SP633	6.0	3.5	33.25
SP636	6.0	3.5	36.00
SP640	6.0	3.5	40.00
SP644	6.0	3.5	44.00
SP648	6.0	3.5	48.00
SP656	6.0	3.5	56.00

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VESSELS

- Facet VCS, HCS, CFCS, FCS and VFCS Series
- PECO 110 Series
- Racor RVFS Series
- Velcon V, VV, and HV and HVS Series
- Other vessels manufactured to be compatible with treated cellulose style separators.

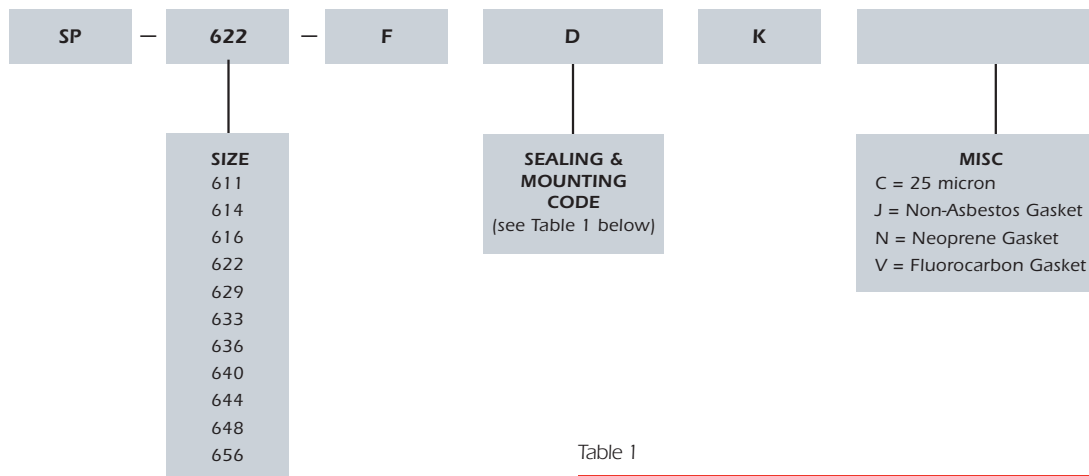
REPLACEMENT OPTION FOR

- Banner SP Series
- Filter-Fab
- Filter-Mart
- Jonell JS Series
- Kaydon/Keene
- Racor SP Series
- Royal RSC-XXX-SP Series
- Refilco PLS Series
- Velcon SO Series
- Others

PARTICLE RETENTION

- Grade [µm]: 5, 25

ORDERING INFORMATION



- Other sizes available on request.

Table 1

SEALING & MOUNTING END CONFIGURATIONS

Designation Code	Inside Diameter			
	Sealing End		Mounting End	
	in.	mm	in.	mm
B	17/32	13	3 1/2	89
D	3 1/2	89	3 1/2	89



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