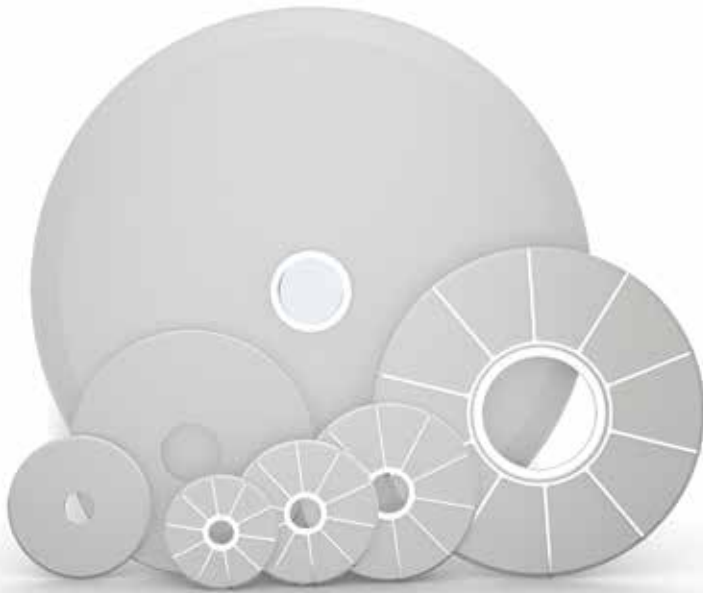


POLYMER FILTER DISCS



LARGE AREA FILTRATION
FOR POLYMER MELT SYSTEMS



DESIGN BENEFITS

- For retention of hard impurities, soft impurities, process residuals, abrasions and other impurities
- Select from soft/semi-hard and hard hubs, with and without fixed spacers, and different hub types
- Select from sintered metal fiber, wire mesh or Dutch weave media
- SS 316L/304 filter media and construction

PRODUCT DESCRIPTION

- Seebach® filter discs are well-established, high-quality filter elements where multiple filter medias including non-pleatable types can be installed. Leaf discs are used in plastic melt purification and provide exceptionally high filter media density and easily cleanable filter elements. Manufactured from stainless steel and other high-temperature, corrosion-resistant alloys, our filter discs are designed for optimum polymer flow and contaminant retention. Secure, welded construction featuring premium filter media and polymer adapted mandrel core designs support numerous cleaning cycles and exceptional retention rates.

POLYMER FILTER DISCS



LARGE AREA FILTRATION FOR POLYMER MELT SYSTEMS

John Crane's Seebach® filter candles are sized and configured to your vessel specification with single discs from 0.060 m² to 0.167 m² with adaptors for existing or custom connection mechanisms. Soft, semi-hard and hard hub variations are available depending on support layer, filter rating and sealing requirements.

Over 50 years' experience in filter manufacturing enables John Crane to provide the optimum solution for you. Our filter discs feature established designs adapted to your specific needs. To reduce your OPEX and enable the best possible plant availability and product quality we have the state-of-the-art solution.

From simulation of the melt flow inside your filter, our unique design technology and process expertise provides the perfect tailor-made filter element, featuring the lowest start-up pressure, longest filter onstream life and greatest filter cleaning cycles to reduce maintenance effort and create new efficiencies. Our dead zone free and rheologically optimized filter elements provide the highest quality polymer.



DESIGN SPECIFICATIONS

Standard Filtration Ratings	dP Resistance	Disc Diameter	Filtration Area
5 µm to 150 µm customized (more on request)	On request	5.50"	0.060 m ²
		7.00"	0.045 m ²
		8.75"	0.068 m ²
		10.0"	0.080 m ²
		12.0"	0.13 to 0.14 m ²
		15.0"	0.167 m ²

Together, we will work with you to keep your mission-critical operations up and running with support and guidance from our experienced team.



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Latin America
Brazil
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United Arab Emirates
Tel: 971-481-27800

Asia Pacific
Singapore
Tel: 65-6518-1800

If the products featured will be used in a potentially dangerous and/or hazardous process, your John Crane representative should be consulted prior to their selection and use. In the interest of continuous development, John Crane Companies reserve the right to alter designs and specifications without prior notice. It is dangerous to smoke while handling products made from PTFE. Old and new PTFE products must not be incinerated. ISO 9001 and ISO14001 Certified, details available on request.