

Strainer Screens

For FLUOR-O-SHIELD™ Fluoroplastic Y-Strainers • Basket Strainers • In-Line Strainers

Screens for Micromold FLUOR-O-SHIELD™ fluoroplastic Y, basket, and in-line type strainers are available in a wide variety of sizes and materials.

Particle sizes strained: 1 to 25,400 microns (0.00004" to 1") using either porous membranes, mono-filament mesh screens, or drilled holes.

Standard screens: Standard mesh screens are shown in the table following. Coarse mesh available in ETFE (Tefzel®), finer mesh available in PEEK:

Material	Nominal Particle Size		Approximate Mesh Size (Holes/Lineal inch)
	(Microns)	(Inches)	
ETFE (Tefzel®)	1,800	0.071	11
	1,000	0.039	17
	590	0.023	30
	300	0.012	51
PEEK	155	0.0061	65
	85	0.0033	80
	35	0.0014	345
	12	0.0005	400

Chemical resistance:

- ETFE: At ambient temperatures, same as PTFE. Consult factory for higher temperatures.
- PEEK: At ambient temperatures, compatible with almost all chemicals. Consult factory for further details including higher temperatures.

Non-standard options:

- In stock leftovers: We often have leftovers from special jobs. If you don't see what you want, just ask.
- Additional mesh sizes: On special order, other Tefzel® ETFE and PEEK mesh sizes are available.
- Other screen materials: Woven mesh, perforated, and porous membrane screens are available in a variety of other materials and sizes (e.g., PTFE, Hastelloy, Alloy 20, Monel, Tantalum).

For additional information on any of the above, please contact the factory.