



Screen Mesh for Resin Extrusion

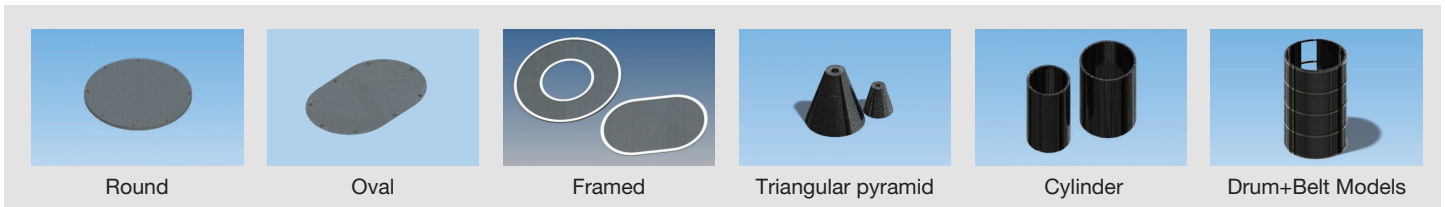
TWC produces screen meshes for use with a variety of resin extruders in the chemical industry. Screen meshes help prevent product quality deterioration by filtering foreign matter such as carbides in molten resin, unmelted resin, and metals. As the functionality and quality of extrusion molding improves, increased filtration precision is required.

TWC manufactures screen meshes of various materials, wire diameters, opening dimensions, and shapes to meet the needs of customers. We can also produce screen meshes using sintered wire cloth or metal non-woven fabric for the filter material.

Main uses of screen meshes

- Resin pellet (polypropylene and polyethylene) extrusion
- Resin film/sheet manufacturing extrusion
- Spinning (polyester, nylon, etc.) manufacturing extrusion

Main screen mesh shapes



Main screen mesh materials

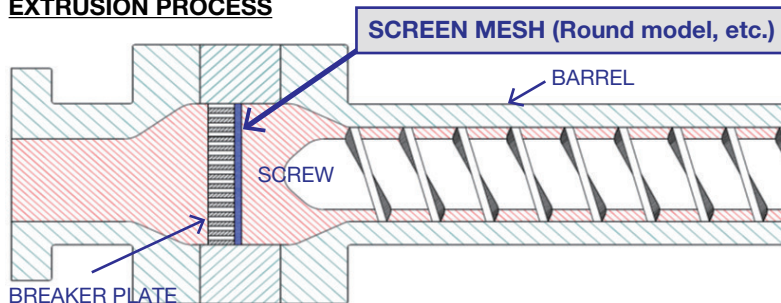
SUS304, SUS316, SUS316L, Zinc iron, nickel, etc.

Typical mesh specifications

SUS-304 0.4X20MESH (Opening 0.87mm)	SUS-316 0.04X200MESH (Opening 0.77mm)
SUS-304 0.14X60MESH (Opening 0.28mm)	SUS-316 0.035X325MESH (Opening 0.043mm)
SUS-304 0.1X100MESH (Opening 0.154mm)	SUS-316 0.03X400MESH (Opening 0.34mm)

Example mesh usages

EXTRUSION PROCESS



Other

We can also manufacture disk filters, candle filters, mesh strainers, and other mesh filters.

Our Worldwide Locations

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