

Industrial Nets

RO Feed Spacer



RO feed spacer is a extruded plastic mesh spacer that acts as a feed spacer between filter media layers in water treatment. It is a kind of FDA-compliant bi-planar PP extruded feed spacer.

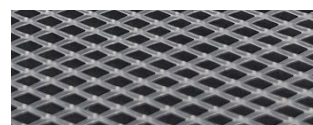
It provides channels for the flow of the feed water, and is an essential part of spiral wound membrane (SWM) in reverse osmosis and nanofiltration. Though the spacer material itself can seem fairly low-tech, its role in optimal RP production is critical. It can directly impact the feed pressure, overall energy consumption and membrane fouling degree of the RO system.

FEATURES

- ✓ It is a bi-planar structure and forms flow channels among filter media.
- ✓ It can effectively prevent the sediment of minerals, organic matters and inorganic matters on the membrane surface.

SPECIFICATION

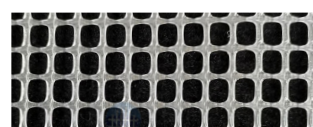
✓ Diamond Hole



Material	PP
Color	semitransparent
Mesh type	Diamond
Fabric weight	80 g/m ² – 230 g/m ²
Width	30" — 55"
Length	500", 1000"
Min./max. Operating temperature	-40 °C / +120 °C

Model	DPL-1110	DPL-1120	DPL-1130	DPL-1140
Thickness (mil)	20	22	30	33
Tolerance (mil)	±2	±2	±2	±2
Hole Size (inch)	0.011 × 0.011	0.015 × 0.015	0.018 × 0.018	0.016 × 0.016
Strand Per Inch	43	37	30	28

✓ Square Hole



Material	PP
Color	semitransparent
Mesh type	Diamond
Fabric weight	80 g/m ² – 230 g/m ²
Width	30" — 55"
Length	500", 1000"
Min./max. Operating temperature	-40 °C / +120 °C

Model	DPF-1210	DPF-1211	DPF-1220	DPF-1221	DPF-1230	DPF-1240
Thickness (mil)	14	14	19	19	21	36
Tolerance (mil)	±2	±2	±2	±2	±2	±2
Hole Size (inch)	0.210 × 0.027	0.025 × 0.030	0.040 × 0.053	0.054 × 0.080	0.040 × 0.053	0.030 × 0.037
Strand Per Inch	25	27.6 × 25	17 × 14.6	15 × 11	16	16 × 13