

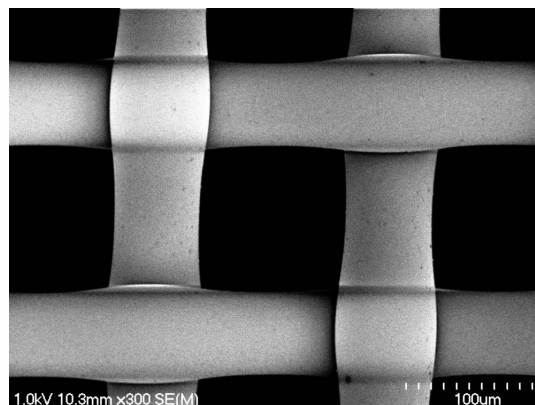
product solution

NBC Polypropylene Mesh

NBC Polypropylene mesh is designed for filtration applications. It is chemical resistant and non-absorbent, with a tensile strength of 360 - 600 N/mm².

FEATURES

- 25 - 60% elongation before breaking when dry or wet
- 90 - 100% elasticity recovery after 3% stretching
- Good weather, acid and alkaline resistance



PRODUCT OPTIONS

Mesh Specifications vary to meet a variety of applications. This mesh is available in the following ranges:

Thread Diameter

87 - 394 μ m

Mesh Count

14 - 156 per inch

Mesh Opening

113 - 1723 μ m

Pattern

Plain, Twill, Satin

Primary Treatments are optional procedures that chemically enhance the performance of the mesh or manipulate its appearance in various ways. These treatments include:

Dyeing

Dyeing changes the mesh's color for an aesthetic effect and is available with minimum orders of 5,500 yards

Corona Treatment

Corona enhances the mesh's adhesion property and adds a hydrophilic property

Calendering

Calendering creates a flatter surface and can thin out the mesh as well as affect the mesh's open area

product solution

NBC Polypropylene Mesh

Secondary Treatments are optional procedures that physically manipulate the mesh to prepare it for inclusion in a custom product. These treatments include:

Die Cutting

Die cutting creates precisely cut pieces of mesh in various shapes and sizes

Welding

Welding melds pieces of the mesh together

Slitting

Slitting creates evenly divided sections of mesh

Sewing

Sewing also holds folded pieces of mesh together

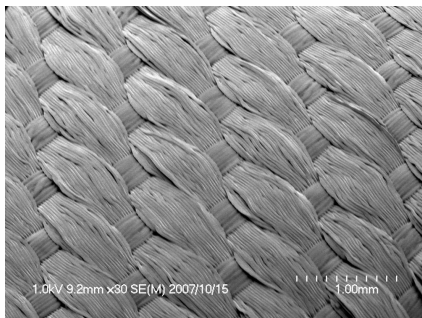
Pleating

Pleating folds the mesh together in order to correspond with potting

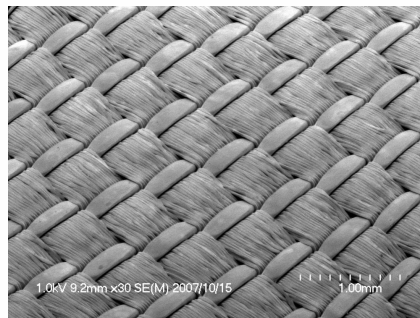
Stretching

Stretching allows easier attachment to mesh frames

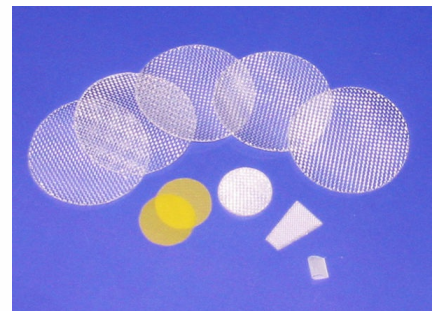
PRODUCT IMAGES



NBC Polypropylene Mesh in Non-Standard Specialty Multifilament 2x2 Twill Weave for Membrane Filter



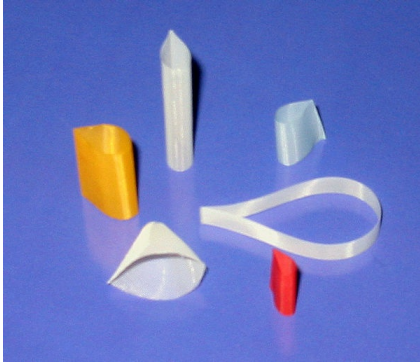
NBC Polypropylene Mesh in Non-Standard Specialty Multi/Monofilament Plain Weave for Membrane Filter



Die Cutting (Secondary Treatment)

product solution

NBC Polypropylene Mesh



Welding (Secondary Treatment)



Slitting (Secondary Treatment)



Sewing (Secondary Treatment)



Pleating (Secondary Treatment)

product solution

NBC Polypropylene Mesh

ITEM DETAILS

MESH CODE	MESH OPENING µm	OPEN AREA (%)	WARP MESH COUNT /in	WARP MESH COUNT /in	WARP MESH COUNT /cm	WARP MESH COUNT /cm	THREAD DIAMETER µm	MESH THICKNESS µm	WEAVE TYPE	STANDARD WIDTH cm (in)
PE 0110/31PW	0110	31	156.0	100.0	61.4	39.4	087	-	PW	102 (40)
PE 0140/38PW	0140	38	120.0	102.0	47.2	40.2	087	-	PW	121 (48)
PE 0220/40PW	0220	40	83.0	64.0	32.7	25.2	125	-	PW	102 (40)
PE 0290/43PW	0290	43	59.0	56.0	23.2	22.0	153	-	PW	102 (40)
PE 0445/51PW	0445	51	42.0	40.0	16.5	15.7	176	-	PW	102 (40)
PE 0755/51PW	0755	51	25.0	23.0	9.8	9.1	305	-	PW	102 (40)
PE 0965/58PW	0965	58	20.0	20.0	7.9	7.9	305	-	PW	102 (40)
PE 1195/57PW	1195	57	16.0	16.0	6.3	6.3	394	-	PW	92 (36)
PE 1725/66PW	1725	66	12.0	12.0	4.7	4.7	394	-	PW	92 (36)