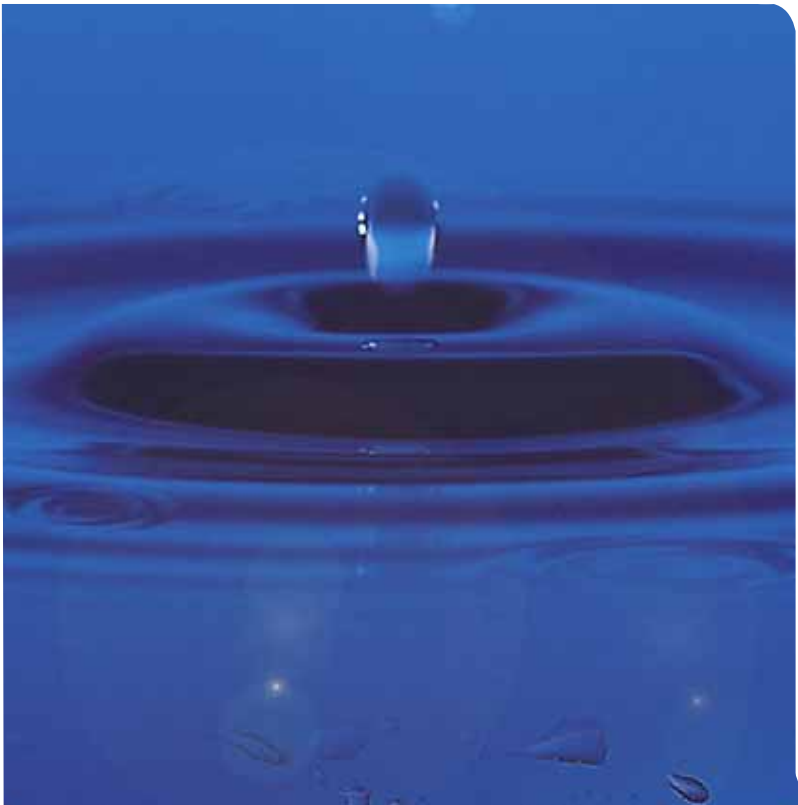
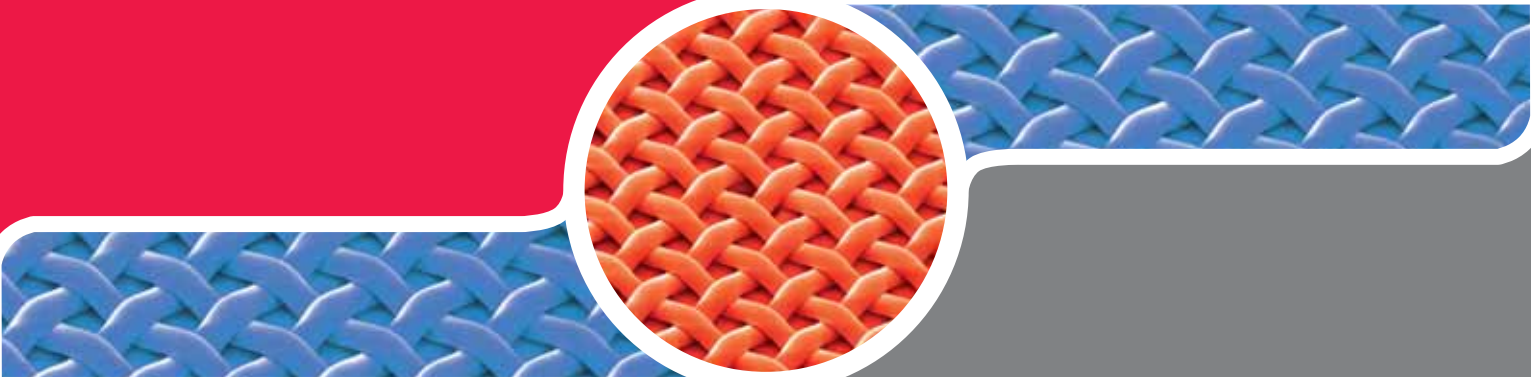
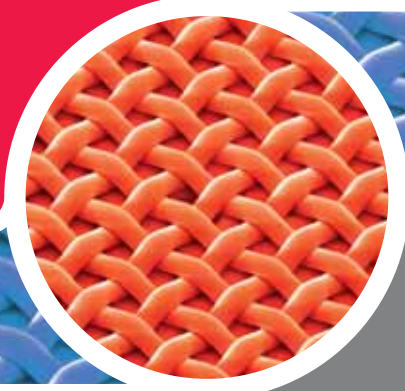


Industrial Meshes

Product guide



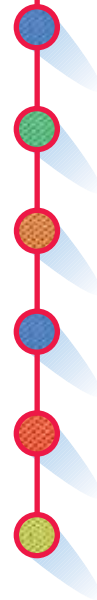
- Filtration & Separation
- Liquid filters
- Air filters
- Medical filters
- Plastic molded filters
- Fashion related products

CORPORATE PRINCIPLE

The basis of business is built on trust

CORPORATE PHILOSOPHY

Making quality our top priority, NBC serve the public through customer satisfaction and pursuing corporate growth and employee welfare.



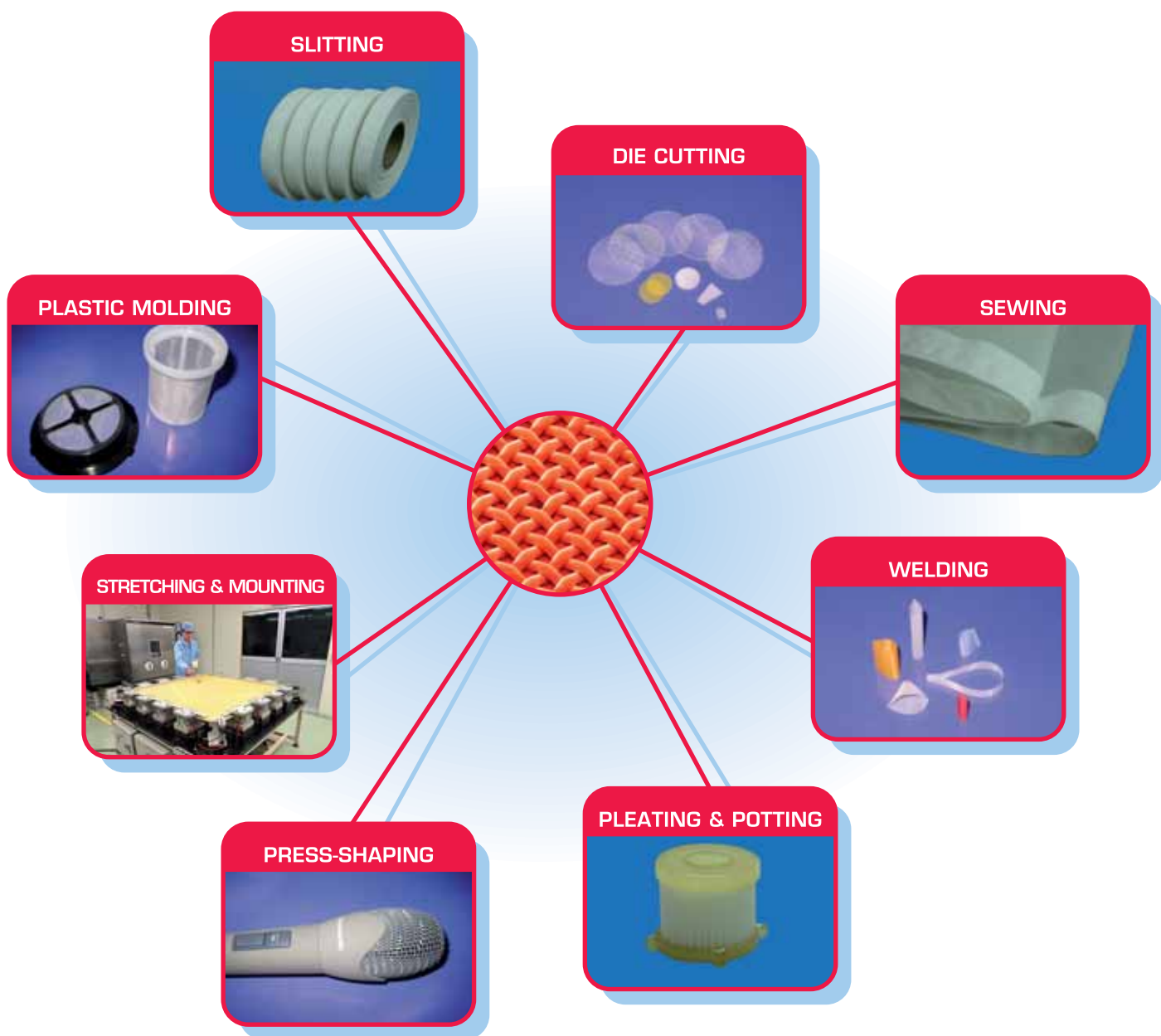
NBC
Weave quality
and your success

NBC is the leading manufacturer of precision synthetic meshes with constant innovation and rigorous quality standards based on industrial experience dating from 1934. NBC also promote a proactive and flexible regime for the product development and process technologies in order to meet our customers requirements.



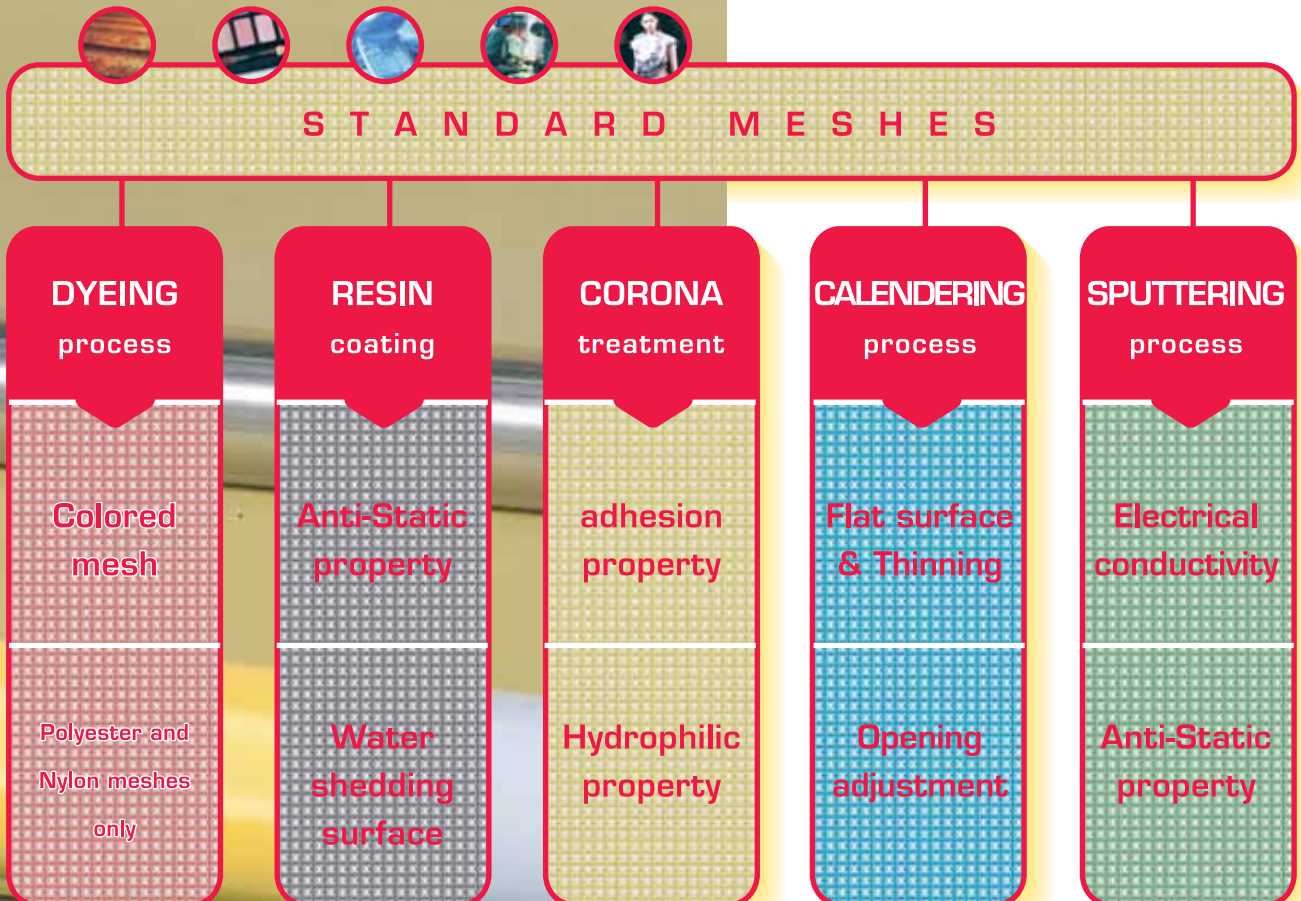
Customizing to your application

NBC offers mesh in both standard roll format or bespoke to individual customer requirements. Additional technologies such as slitting, die cutting, sewing, welding, pleating & potting, press-shaping, stretching & mounting, and plastic molding are just some of the additional processes offered. Accuracy, quality and reliability are guaranteed with NBC mesh.



Process solutions

In order to meet our customers exacting demands, NBC offers additional processing solutions to standard meshes such as dyeing, resin coating, corona treatment, calendering, and a "sputtering process".



(These may be restricted by mesh size and thread types. Please ask for details.)

Material properties

| | | NL Nylon 6 | NL Nylon 66 | PT Polyester | PE Polyethylene | PP Polypropylene | FC ETFE |
|--|----------------------|--|--|--|---|---|---|
| Tensile strength | (N/mm ²) | 480 - 950 | 500 - 950 | 600 - 850 | 410 - 760 | 360 - 600 | 180 - 480 |
| Strength degradation at wet condition | | 8 - 16% | 5 - 10% | 0% | 0% | 0% | 0% |
| Elongation at break | Dry | 16 - 45% | 15 - 38% | 7 - 32% | 8 - 35% | 25 - 60% | 25 - 50% |
| | Wet | 20 - 52% | 20 - 45% | 7 - 32% | 8 - 35% | 25 - 60% | 25 - 50% |
| Recovery elasticity (Stretched 3%) | | 98 - 100% | 98 - 100% | 95 - 100% | 85 - 97% | 90 - 100% | 80 - 100% |
| Specific gravity | | 1,14 | 1,14 | 1,38 | 0.94 - 0.96 | 0,91 | 1.70 - 1.76 |
| Moisture absorption | 20°C 65%RH | 3.5 - 5.0% | 3.5 - 5.0% | 0.4 - 0.5% | 0 | 0 | 0 |
| | 20°C 20%RH | 1.0 - 1.8% | 1.0 - 1.8% | 0.1 - 0.3% | 0 | 0 | 0 |
| | 20°C 95%RH | 8.0 - 9.0% | 8.0 - 9.0% | 0.6 - 0.7% | 0 - 0.1% | 0 - 0.1% | 0 |
| Heat resistance | | Softening : 180°C Melting : 215 - 220°C | Softening : 230 - 235°C Melting : 250 - 260°C | Softening : 238 - 240°C Melting : 255 - 260°C | Softening : 100 - 115°C Melting : 125 - 135°C | Softening : 140 - 160°C Melting : 165 - 173°C | Melting : 260°C |
| Weathering resistance | | Slightly weakened and it turns into yellow | | Slightly weakened | Slightly weakened | Slightly weakened | Resistant |
| Acid resistance | | Dissolved by concentrated sulfuric acid, concentrated hydrochloric acid, and concentrated nitric acid. | | Slightly weakened by hydrochloric acid and sulfuric acid. | Slightly weakened by hydrochloric acid and sulfuric acid. | Slightly weakened by hydrochloric acid and sulfuric acid. | Resistant |
| Alkaline resistance | | Slightly weakened by concentrated sodium hydroxide and concentrated ammonium. | | Slightly weakened by 10% sodium hydroxide and concentrated ammonium. | Slightly weakened by concentrated sodium hydroxide. | Slightly weakened by concentrated sodium hydroxide and concentrated ammonium. | Resistant |
| Chemical resistance | | Resistant | | Resistant | Resistant | Resistant | Slightly decayed by heated fluorine gas |
| Solvent resistance (alcohol, ether, benzene, acetone, gasoline, parklen) | | Resistant | | Resistant | Dissolved in heated ethane tetrachloride | Dissolved in heated ethane tetrachloride | Resistant |
| Hydrolysis | | Resistant | | Limited | Resistant | Resistant | Resistant |

The above information is drawn from published data and should be used for reference only. NBC takes no responsibility for accident and/or damages caused by using the above information.



Mesh specification

1. Mesh code

a) Thread types

NL line: NYLON (Polyamide)

PT line: POLYESTER

PE line: POLYETHYLENE

PP line: POLYPROPYLENE

FC line: ETFE

b) Mesh opening

c) Mesh open area

d) Weaving texture

NL|0020|16|TW

2. Mesh opening (μm): MO

3. Mesh open area (%): MOA

4. Mesh count: Number of thread per cm / inch

5. Thread diameter (μm): TD

6. Mesh thickness (μm): MT

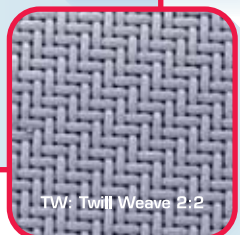
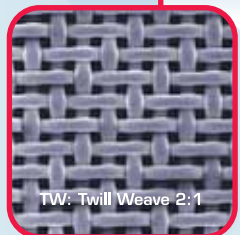
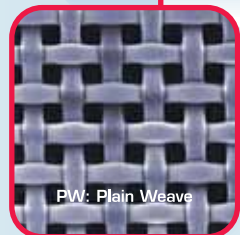
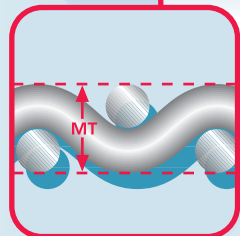
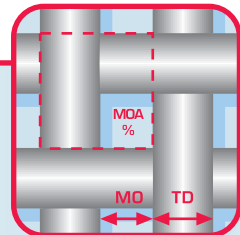
7. Weaving texture

PW: Plain Weave

TW: Twill Weave

8. Mesh width

Please ask availability for other width.



NL line: NYLON mesh

| Material | Mesh code | Mesh Opening (µm) | Open Area % | Warp Mesh Count per cm | Weft Mesh Count per cm | Warp Mesh Count per inch | Weft Mesh Count per inch | Thread Diameter (µm) | Thickness (µm) | Weaving Texture | Standard Width cm (inch) |
|----------|--------------|-------------------|-------------|------------------------|------------------------|--------------------------|--------------------------|----------------------|----------------|-----------------|--------------------------|
| Nylon 66 | NL 0020/16TW | 0020 | 16 | 200,0 | 200,0 | 508,0 | 508,0 | 030 | 060 | TW | 115cm(45") |
| Nylon 66 | NL 0025/21TW | 0025 | 21 | 180,0 | 180,0 | 460,0 | 460,0 | 030 | 060 | TW | 115cm(45") |
| Nylon 66 | NL 0025/17TW | 0025 | 17 | 165,0 | 165,0 | 420,0 | 420,0 | 035 | 070 | TW | 115cm(45") |
| Nylon 66 | NL 0030/25PW | 0030 | 25 | 165,0 | 165,0 | 420,0 | 420,0 | 030 | 051 | PW | 115cm(45") |
| Nylon 66 | NL 0032/23TW | 0032 | 23 | 150,0 | 150,0 | 380,0 | 380,0 | 035 | 068 | TW | 115cm(45") |
| Nylon 66 | NL 0037/30PW | 0037 | 30 | 150,0 | 150,0 | 380,0 | 380,0 | 030 | 055 | PW | 115cm(45") |
| Nylon 66 | NL 0037/26TW | 0037 | 26 | 140,0 | 140,0 | 355,0 | 355,0 | 035 | 066 | TW | 115cm(45") |
| Nylon 66 | NL 0040/23TW | 0040 | 23 | 120,0 | 120,0 | 305,0 | 305,0 | 043 | 082 | TW | 115cm(45") |
| Nylon 66 | NL 0042/34PW | 0042 | 34 | 140,0 | 140,0 | 355,0 | 355,0 | 030 | 052 | PW | 115cm(45") |
| Nylon 66 | NL 0042/30TW | 0042 | 30 | 130,0 | 130,0 | 330,0 | 330,0 | 035 | 066 | TW | 115cm(45") |
| Nylon 66 | NL 0047/37PW | 0047 | 37 | 130,0 | 130,0 | 330,0 | 330,0 | 030 | 050 | PW | 115cm(45") |
| Nylon 66 | NL 0048/33PW | 0048 | 33 | 120,0 | 120,0 | 305,0 | 305,0 | 035 | 060 | PW | 115cm(45") |
| Nylon 66 | NL 0053/41PW | 0053 | 41 | 120,0 | 120,0 | 305,0 | 305,0 | 030 | 053 | PW | 115cm(45") |
| Nylon 66 | NL 0057/32PW | 0057 | 32 | 100,0 | 100,0 | 255,0 | 255,0 | 043 | 075 | PW | 115cm(45") |
| Nylon 66 | NL 0059/39PW | 0059 | 39 | 106,0 | 106,0 | 270,0 | 270,0 | 035 | 060 | PW | 115cm(45") |
| Nylon 66 | NL 0062/25TW | 0062 | 25 | 81,0 | 81,0 | 206,0 | 206,0 | 061 | 116 | TW | 115cm(45") |
| Nylon 66 | NL 0067/37PW | 0067 | 37 | 90,0 | 90,0 | 230,0 | 230,0 | 043 | 075 | PW | 115cm(45") |
| Nylon 66 | NL 0069/28PW | 0069 | 28 | 77,0 | 77,0 | 196,0 | 196,0 | 061 | 111 | PW | 115cm(45") |
| Nylon 66 | NL 0076/31PW | 0076 | 31 | 73,0 | 73,0 | 185,0 | 185,0 | 061 | 114 | PW | 115cm(45") |
| Nylon 66 | NL 0077/37PW | 0077 | 37 | 79,0 | 79,0 | 200,0 | 200,0 | 050 | 086 | PW | 115cm(45") |
| Nylon 66 | NL 0077/27TW | 0077 | 27 | 68,0 | 68,0 | 173,0 | 173,0 | 070 | 133 | TW | 115cm(45") |
| Nylon 66 | NL 0082/26PW | 0082 | 26 | 62,0 | 62,0 | 157,0 | 157,0 | 080 | 146 | PW | 115cm(45") |
| Nylon 66 | NL 0092/32PW | 0092 | 32 | 62,0 | 62,0 | 157,0 | 157,0 | 070 | 118 | PW | 115cm(45") |
| Nylon 66 | NL 0095/43PW | 0095 | 43 | 69,0 | 69,0 | 175,0 | 175,0 | 050 | 087 | PW | 115cm(45") |
| Nylon 66 | NL 0100/31PW | 0100 | 31 | 55,0 | 55,0 | 140,0 | 140,0 | 080 | 140 | PW | 115cm(45") |
| Nylon 66 | NL 0105/40PW | 0105 | 40 | 59,0 | 59,0 | 150,0 | 150,0 | 061 | 106 | PW | 115cm(45") |
| Nylon 66 | NL 0110/37PW | 0110 | 37 | 55,0 | 55,0 | 140,0 | 140,0 | 070 | 126 | PW | 115cm(45") |
| Nylon 66 | NL 0123/37PW | 0123 | 37 | 49,0 | 49,0 | 125,0 | 125,0 | 080 | 142 | PW | 115cm(45") |
| Nylon 66 | NL 0133/43PW | 0133 | 43 | 49,0 | 49,0 | 125,0 | 125,0 | 070 | 121 | PW | 115cm(45") |
| Nylon 66 | NL 0150/43PW | 0150 | 43 | 43,0 | 43,0 | 110,0 | 110,0 | 080 | 140 | PW | 115cm(45") |
| Nylon 66 | NL 0155/30TW | 0155 | 30 | 35,4 | 35,4 | 90,0 | 90,0 | 127 | 270 | TW | 102cm(40") |
| Nylon 66 | NL 0160/48PW | 0160 | 48 | 43,0 | 43,0 | 110,0 | 110,0 | 070 | 121 | PW | 115cm(45") |
| Nylon 66 | NL 0190/36PW | 0190 | 36 | 31,5 | 31,5 | 80,0 | 80,0 | 127 | 240 | PW | 102cm(40") |
| Nylon 66 | NL 0200/39PW | 0200 | 39 | 31,3 | 31,3 | 79,5 | 79,5 | 120 | - | PW | 120cm(47") |
| Nylon 66 | NL 0225/43PW | 0225 | 43 | 29,1 | 29,1 | 74,0 | 74,0 | 120 | - | PW | 120cm(47") |
| Nylon 66 | NL 0235/42PW | 0235 | 42 | 27,6 | 27,6 | 70,0 | 70,0 | 127 | - | PW | 120cm(47") |
| Nylon 66 | NL 0245/43PW | 0245 | 43 | 27,0 | 27,0 | 68,5 | 68,5 | 127 | - | PW | 120cm(47") |
| Nylon 66 | NL 0250/44PW | 0250 | 44 | 26,6 | 26,6 | 67,5 | 67,5 | 127 | - | PW | 120cm(47") |
| Nylon 66 | NL 0260/37PW | 0260 | 37 | 23,6 | 23,6 | 60,0 | 60,0 | 165 | 320 | PW | 102cm(40") |

NL line: NYLON mesh

| Material | Mesh code | Mesh Opening (µm) | Open Area % | Warp Mesh Count per cm | Weft Mesh Count per cm | Warp Mesh Count per inch | Weft Mesh Count per inch | Thread Diameter (µm) | Thickness (µm) | Weaving Texture | Standard Width cm (inch) |
|----------|--------------|-------------------|-------------|------------------------|------------------------|--------------------------|--------------------------|----------------------|----------------|-----------------|--------------------------|
| Nylon 66 | NL 0260/37PW | 0260 | 37 | 23,6 | 23,6 | 60,0 | 60,0 | 165 | 320 | PW | 102cm(40") |
| Nylon 66 | NL 0265/41PW | 0265 | 41 | 24,0 | 24,0 | 61,0 | 61,0 | 150 | - | PW | 120cm(47") |
| Nylon 66 | NL 0275/42PW | 0275 | 42 | 23,4 | 23,4 | 59,5 | 59,5 | 150 | - | PW | 120cm(47") |
| Nylon 66 | NL 0280/42PW | 0280 | 42 | 23,2 | 23,2 | 59,0 | 59,0 | 150 | - | PW | 120cm(47") |
| Nylon 66 | NL 0300/44PW | 0300 | 44 | 22,2 | 22,2 | 56,5 | 56,5 | 150 | - | PW | 120cm(47") |
| Nylon 66 | NL 0310/42PW | 0310 | 42 | 21,1 | 21,1 | 53,5 | 53,5 | 166 | - | PW | 120cm(47") |
| Nylon 66 | NL 0310/37PW | 0310 | 37 | 19,7 | 19,7 | 50,0 | 50,0 | 200 | 380 | PW | 102cm(40") |
| Nylon 66 | NL 0315/43PW | 0315 | 43 | 20,9 | 20,9 | 53,0 | 53,0 | 166 | - | PW | 120cm(47") |
| Nylon 66 | NL 0335/45PW | 0335 | 45 | 19,9 | 19,9 | 50,5 | 50,5 | 166 | - | PW | 120cm(47") |
| Nylon 66 | NL 0355/46PW | 0355 | 46 | 19,3 | 19,3 | 49,0 | 49,0 | 166 | - | PW | 120cm(47") |
| Nylon 66 | NL 0360/44PW | 0360 | 44 | 18,5 | 18,5 | 47,0 | 47,0 | 180 | - | PW | 120cm(47") |
| Nylon 66 | NL 0375/43PW | 0375 | 43 | 17,3 | 17,3 | 44,0 | 44,0 | 200 | - | PW | 120cm(47") |
| Nylon 66 | NL 0390/47PW | 0390 | 47 | 17,5 | 17,5 | 44,5 | 44,5 | 180 | - | PW | 120cm(47") |
| Nylon 66 | NL 0400/44PW | 0400 | 44 | 16,7 | 16,7 | 42,5 | 42,5 | 200 | - | PW | 120cm(47") |
| Nylon 66 | NL 0425/46PW | 0425 | 46 | 15,9 | 15,9 | 40,5 | 40,5 | 200 | - | PW | 120cm(47") |
| Nylon 66 | NL 0435/47PW | 0435 | 47 | 15,7 | 15,7 | 40,0 | 40,0 | 200 | 380 | PW | 102cm(40") |
| Nylon 66 | NL 0450/45PW | 0450 | 45 | 15,0 | 15,0 | 38,0 | 38,0 | 220 | - | PW | 120cm(47") |
| Nylon 66 | NL 0475/47PW | 0475 | 47 | 14,4 | 14,4 | 36,5 | 36,5 | 220 | - | PW | 120cm(47") |
| Nylon 66 | NL 0495/48PW | 0495 | 48 | 14,0 | 14,0 | 35,5 | 35,5 | 220 | - | PW | 120cm(47") |
| Nylon 6 | NL 0510/47PW | 0510 | 47 | 13,4 | 13,4 | 34,0 | 34,0 | 235 | 440 | PW | 102cm(40") |
| Nylon 66 | NL 0525/50PW | 0525 | 50 | 13,4 | 13,4 | 34,0 | 34,0 | 220 | - | PW | 120cm(47") |
| Nylon 66 | NL 0555/48PW | 0555 | 48 | 12,4 | 12,4 | 31,5 | 31,5 | 250 | - | PW | 120cm(47") |
| Nylon 66 | NL 0595/50PW | 0595 | 50 | 11,8 | 11,8 | 30,0 | 30,0 | 250 | - | PW | 120cm(47") |
| Nylon 66 | NL 0625/51PW | 0625 | 51 | 11,4 | 11,4 | 29,0 | 29,0 | 250 | - | PW | 120cm(47") |
| Nylon 66 | NL 0670/53PW | 0670 | 53 | 10,8 | 10,8 | 27,5 | 27,5 | 250 | - | PW | 120cm(47") |
| Nylon 66 | NL 0715/52PW | 0715 | 52 | 10,0 | 10,0 | 25,5 | 25,5 | 280 | - | PW | 120cm(47") |
| Nylon 66 | NL 0760/53PW | 0760 | 53 | 9,6 | 9,6 | 24,5 | 24,5 | 280 | - | PW | 120cm(47") |
| Nylon 66 | NL 0800/55PW | 0800 | 55 | 9,3 | 9,3 | 23,5 | 23,5 | 280 | - | PW | 120cm(47") |
| Nylon 66 | NL 0860/51PW | 0860 | 51 | 8,3 | 8,3 | 21,0 | 21,0 | 350 | - | PW | 120cm(47") |
| Nylon 66 | NL 0890/52PW | 0890 | 52 | 8,1 | 8,1 | 20,5 | 20,5 | 350 | - | PW | 120cm(47") |
| Nylon 6 | NL 0990/61PW | 0990 | 61 | 7,9 | 7,9 | 20,0 | 20,0 | 280 | 520 | PW | 102cm(40") |
| Nylon 66 | NL 1000/56PW | 1000 | 56 | 7,5 | 7,5 | 19,0 | 19,0 | 350 | - | PW | 120cm(47") |
| Nylon 66 | NL 1120/53PW | 1120 | 53 | 6,5 | 6,5 | 16,5 | 16,5 | 430 | - | PW | 120cm(47") |
| Nylon 66 | NL 1250/54PW | 1250 | 54 | 5,9 | 5,9 | 15,0 | 15,0 | 430 | - | PW | 120cm(47") |
| Nylon 66 | NL 1400/60PW | 1400 | 60 | 5,5 | 5,5 | 14,0 | 14,0 | 430 | - | PW | 120cm(47") |
| Nylon 66 | NL 1600/57PW | 1600 | 57 | 4,7 | 4,7 | 12,0 | 12,0 | 500 | - | PW | 120cm(47") |
| Nylon 66 | NL 1800/61PW | 1800 | 61 | 4,3 | 4,3 | 11,0 | 11,0 | 500 | - | PW | 120cm(47") |
| Nylon 66 | NL 2000/56PW | 2000 | 56 | 3,7 | 3,7 | 9,5 | 9,5 | 670 | - | PW | 120cm(47") |

PT line: POLYESTER mesh

| Material | Mesh code | Mesh Opening (µm) | Open Area % | Warp Mesh Count per cm | Weft Mesh Count per cm | Warp Mesh Count per inch | Weft Mesh Count per inch | Thread Diameter (µm) | Thickness (µm) | Weaving Texture | Standard Width cm (inch) |
|-----------|--------------|-------------------|-------------|------------------------|------------------------|--------------------------|--------------------------|----------------------|----------------|-----------------|--------------------------|
| Polyester | PT 0018/13TW | 0018 | 13 | 200,0 | 200,0 | 508,0 | 508,0 | 027 | 052 | TW | 115cm(45") |
| Polyester | PT 0020/13TW | 0020 | 13 | 180,0 | 180,0 | 460,0 | 460,0 | 030 | 055 | TW | 115cm(45") |
| Polyester | PT 0022/13TW | 0022 | 13 | 165,0 | 165,0 | 420,0 | 420,0 | 033 | 060 | TW | 115cm(45") |
| Polyester | PT 0023/17PW | 0023 | 17 | 180,0 | 180,0 | 460,0 | 460,0 | 027 | 042 | PW | 115cm(45") |
| Polyester | PT 0025/17PW | 0025 | 17 | 165,0 | 165,0 | 420,0 | 420,0 | 030 | 046 | PW | 115cm(45") |
| Polyester | PT 0027/16TW | 0027 | 16 | 150,0 | 150,0 | 380,0 | 380,0 | 035 | 064 | TW | 115cm(45") |
| Polyester | PT 0028/22PW | 0028 | 22 | 165,0 | 165,0 | 420,0 | 420,0 | 027 | 041 | PW | 115cm(45") |
| Polyester | PT 0029/19PW | 0029 | 19 | 150,0 | 150,0 | 380,0 | 380,0 | 033 | 064 | PW | 115cm(45") |
| Polyester | PT 0032/23PW | 0032 | 23 | 150,0 | 150,0 | 380,0 | 380,0 | 030 | 046 | PW | 115cm(45") |
| Polyester | PT 0032/20PW | 0032 | 20 | 140,0 | 140,0 | 355,0 | 355,0 | 035 | 053 | PW | 115cm(45") |
| Polyester | PT 0035/27PW | 0035 | 27 | 150,0 | 150,0 | 380,0 | 380,0 | 027 | 042 | PW | 115cm(45") |
| Polyester | PT 0037/26PW | 0037 | 26 | 140,0 | 140,0 | 355,0 | 355,0 | 030 | 046 | PW | 115cm(45") |
| Polyester | PT 0037/23PW | 0037 | 23 | 130,0 | 130,0 | 330,0 | 330,0 | 035 | 053 | PW | 115cm(45") |
| Polyester | PT 0040/31PW | 0040 | 31 | 140,0 | 140,0 | 355,0 | 355,0 | 027 | 040 | PW | 115cm(45") |
| Polyester | PT 0040/22PW | 0040 | 22 | 118,0 | 118,0 | 300,0 | 300,0 | 040 | 062 | PW | 115cm(45") |
| Polyester | PT 0042/30PW | 0042 | 30 | 130,0 | 130,0 | 330,0 | 330,0 | 030 | 046 | PW | 115cm(45") |
| Polyester | PT 0043/27PW | 0043 | 27 | 120,0 | 120,0 | 305,0 | 305,0 | 035 | 053 | PW | 115cm(45") |
| Polyester | PT 0044/34PW | 0044 | 34 | 131,0 | 131,0 | 334,0 | 334,0 | 027 | 040 | PW | 115cm(45") |
| Polyester | PT 0045/29PW | 0045 | 29 | 120,0 | 120,0 | 305,0 | 305,0 | 033 | 050 | PW | 115cm(45") |
| Polyester | PT 0046/32PW | 0046 | 32 | 124,0 | 124,0 | 315,0 | 315,0 | 030 | 045 | PW | 115cm(45") |
| Polyester | PT 0048/33PW | 0048 | 33 | 120,0 | 120,0 | 305,0 | 305,0 | 030 | 048 | PW | 115cm(45") |
| Polyester | PT 0049/27PW | 0049 | 27 | 106,0 | 106,0 | 270,0 | 270,0 | 040 | 060 | PW | 115cm(45") |
| Polyester | PT 0051/31PW | 0051 | 31 | 110,0 | 110,0 | 280,0 | 280,0 | 035 | 053 | PW | 115cm(45") |
| Polyester | PT 0054/28TW | 0054 | 28 | 98,0 | 98,0 | 250,0 | 250,0 | 045 | 080 | TW | 115cm(45") |
| Polyester | PT 0055/30PW | 0055 | 30 | 100,0 | 100,0 | 255,0 | 255,0 | 040 | 060 | PW | 115cm(45") |
| Polyester | PT 0056/25TW | 0056 | 25 | 88,0 | 88,0 | 225,0 | 225,0 | 055 | 091 | TW | 115cm(45") |
| Polyester | PT 0062/32PW | 0062 | 32 | 90,0 | 90,0 | 230,0 | 230,0 | 045 | 068 | PW | 115cm(45") |
| Polyester | PT 0062/30PW | 0062 | 30 | 88,0 | 88,0 | 225,0 | 225,0 | 048 | 075 | PW | 115cm(45") |
| Polyester | PT 0065/35PW | 0065 | 35 | 90,0 | 90,0 | 230,0 | 230,0 | 040 | 060 | PW | 115cm(45") |
| Polyester | PT 0070/30PW | 0070 | 30 | 79,0 | 79,0 | 200,0 | 200,0 | 055 | 088 | PW | 115cm(45") |
| Polyester | PT 0076/36PW | 0076 | 36 | 79,0 | 79,0 | 200,0 | 200,0 | 048 | 075 | PW | 115cm(45") |
| Polyester | PT 0076/29PW | 0076 | 29 | 71,0 | 71,0 | 180,0 | 180,0 | 063 | 098 | PW | 115cm(45") |
| Polyester | PT 0079/39PW | 0079 | 39 | 79,0 | 79,0 | 200,0 | 200,0 | 045 | 068 | PW | 115cm(45") |
| Polyester | PT 0084/35PW | 0084 | 35 | 71,0 | 71,0 | 180,0 | 180,0 | 055 | 088 | PW | 115cm(45") |
| Polyester | PT 0090/41PW | 0090 | 41 | 71,0 | 71,0 | 180,0 | 180,0 | 048 | 076 | PW | 115cm(45") |
| Polyester | PT 0093/44PW | 0093 | 44 | 71,0 | 71,0 | 180,0 | 180,0 | 045 | 070 | PW | 115cm(45") |
| Polyester | PT 0094/35PW | 0094 | 35 | 63,0 | 63,0 | 160,0 | 160,0 | 063 | 105 | PW | 115cm(45") |
| Polyester | PT 0104/38PW | 0104 | 38 | 59,0 | 59,0 | 150,0 | 150,0 | 063 | 105 | PW | 115cm(45") |

● PT line: POLYESTER mesh

| Material | Mesh code | Mesh Opening (µm) | Open Area % | Warp Mesh Count per cm | Weft Mesh Count per cm | Warp Mesh Count per inch | Weft Mesh Count per inch | Thread Diameter (µm) | Thickness (µm) | Weaving Texture | Standard Width cm (inch) |
|-----------|--------------|-------------------|-------------|------------------------|------------------------|--------------------------|--------------------------|----------------------|----------------|-----------------|--------------------------|
| Polyester | PT 0094/35PW | 0094 | 35 | 63,0 | 63,0 | 160,0 | 160,0 | 063 | 105 | PW | 115cm(45") |
| Polyester | PT 0104/38PW | 0104 | 38 | 59,0 | 59,0 | 150,0 | 150,0 | 063 | 105 | PW | 115cm(45") |
| Polyester | PT 0108/46PW | 0108 | 46 | 63,0 | 63,0 | 160,0 | 160,0 | 048 | 080 | PW | 115cm(45") |
| Polyester | PT 0112/44PW | 0112 | 44 | 59,0 | 59,0 | 150,0 | 150,0 | 055 | 088 | PW | 115cm(45") |
| Polyester | PT 0116/41PW | 0116 | 41 | 55,0 | 55,0 | 140,0 | 140,0 | 063 | 105 | PW | 115cm(45") |
| Polyester | PT 0118/49PW | 0118 | 49 | 59,0 | 59,0 | 150,0 | 150,0 | 048 | 076 | PW | 115cm(45") |
| Polyester | PT 0120/51PW | 0120 | 51 | 59,0 | 59,0 | 150,0 | 150,0 | 045 | 072 | PW | 115cm(45") |
| Polyester | PT 0130/48PW | 0130 | 48 | 53,0 | 53,0 | 135,0 | 135,0 | 055 | 095 | PW | 115cm(45") |
| Polyester | PT 0130/41PW | 0130 | 41 | 49,0 | 49,0 | 125,0 | 125,0 | 071 | 116 | PW | 115cm(45") |
| Polyester | PT 0130/38PW | 0130 | 38 | 47,0 | 47,0 | 120,0 | 120,0 | 080 | 137 | PW | 115cm(45") |
| Polyester | PT 0135/53PW | 0135 | 53 | 53,0 | 53,0 | 135,0 | 135,0 | 048 | 079 | PW | 115cm(45") |
| Polyester | PT 0140/55PW | 0140 | 55 | 53,0 | 53,0 | 135,0 | 135,0 | 045 | 073 | PW | 115cm(45") |
| Polyester | PT 0145/48PW | 0145 | 48 | 47,0 | 47,0 | 120,0 | 120,0 | 063 | 105 | PW | 115cm(45") |
| Polyester | PT 0150/42PW | 0150 | 42 | 43,0 | 43,0 | 110,0 | 110,0 | 080 | 132 | PW | 115cm(45") |
| Polyester | PT 0155/53PW | 0155 | 53 | 47,0 | 47,0 | 120,0 | 120,0 | 055 | 095 | PW | 115cm(45") |
| Polyester | PT 0160/58PW | 0160 | 58 | 47,0 | 47,0 | 120,0 | 120,0 | 048 | 080 | PW | 115cm(45") |
| Polyester | PT 0165/60PW | 0165 | 60 | 47,0 | 47,0 | 120,0 | 120,0 | 045 | 073 | PW | 115cm(45") |
| Polyester | PT 0170/46PW | 0170 | 46 | 39,0 | 39,0 | 100,0 | 100,0 | 080 | 134 | PW | 115cm(45") |
| Polyester | PT 0180/51PW | 0180 | 51 | 39,0 | 39,0 | 100,0 | 100,0 | 071 | 122 | PW | 115cm(45") |
| Polyester | PT 0195/60PW | 0195 | 60 | 39,0 | 39,0 | 100,0 | 100,0 | 055 | 095 | PW | 115cm(45") |
| Polyester | PT 0200/50PW | 0200 | 50 | 35,0 | 35,0 | 90,0 | 90,0 | 080 | 137 | PW | 115cm(45") |
| Polyester | PT 0210/55PW | 0210 | 55 | 35,0 | 35,0 | 90,0 | 90,0 | 071 | 125 | PW | 115cm(45") |
| Polyester | PT 0215/46PW | 0215 | 46 | 31,0 | 31,0 | 80,0 | 80,0 | 100 | 170 | PW | 115cm(45") |
| Polyester | PT 0235/42PW | 0235 | 42 | 27,0 | 27,0 | 70,0 | 70,0 | 125 | 240 | PW | 115cm(45") |
| Polyester | PT 0245/59PW | 0245 | 59 | 31,0 | 31,0 | 80,0 | 80,0 | 071 | 125 | PW | 115cm(45") |
| Polyester | PT 0270/41PW | 0270 | 41 | 24,0 | 24,0 | 60,0 | 60,0 | 150 | 260 | PW | 115cm(45") |
| Polyester | PT 0290/64PW | 0290 | 64 | 27,0 | 27,0 | 70,0 | 70,0 | 071 | 125 | PW | 115cm(45") |
| Polyester | PT 0295/49PW | 0295 | 49 | 24,0 | 24,0 | 60,0 | 60,0 | 125 | 230 | PW | 115cm(45") |
| Polyester | PT 0305/36PW | 0305 | 36 | 20,0 | 20,0 | 50,0 | 50,0 | 200 | 380 | PW | 107cm(42") |
| Polyester | PT 0435/47PW | 0435 | 47 | 16,0 | 16,0 | 40,0 | 40,0 | 200 | 400 | PW | 107cm(42") |
| Polyester | PT 0595/49PW | 0595 | 49 | 12,0 | 12,0 | 30,0 | 30,0 | 250 | 500 | PW | 107cm(42") |
| Polyester | PT 0950/56PW | 0950 | 56 | 8,0 | 8,0 | 20,0 | 20,0 | 320 | 630 | PW | 107cm(42") |
| Polyester | PT 1400/60PW | 1400 | 60 | 6,0 | 6,0 | 14,0 | 14,0 | 410 | 820 | PW | 107cm(42") |

PE line: POLYETHYLENE mesh

| Material | Mesh code | Mesh Opening (µm) | Open Area % | Warp Mesh Count per cm | Weft Mesh Count per cm | Warp Mesh Count per inch | Weft Mesh Count per inch | Thread Diameter (µm) | Thickness (µm) | Weaving Texture | Standard Width cm (inch) |
|--------------|--------------|-------------------|-------------|------------------------|------------------------|--------------------------|--------------------------|----------------------|----------------|-----------------|--------------------------|
| Polyethylene | PE 0115/33PW | 0115 | 33 | 61,4 | 39,4 | 156,0 | 100,0 | 086 | - | PW | 102cm(40") |
| Polyethylene | PE 0125/35PW | 0125 | 35 | 56,7 | 39,4 | 144,0 | 100,0 | 086 | - | PW | 102cm(40") |
| Polyethylene | PE 0135/37PW | 0135 | 37 | 51,2 | 39,4 | 130,0 | 100,0 | 086 | - | PW | 102cm(40") |
| Polyethylene | PE 0145/39PW | 0145 | 39 | 47,2 | 40,2 | 120,0 | 102,0 | 086 | - | PW | 102cm(40") |
| Polyethylene | PE 0155/39PW | 0155 | 39 | 44,1 | 35,4 | 112,0 | 90,0 | 86/106 | - | PW | 102cm(40") |
| Polyethylene | PE 0180/38PW | 0180 | 38 | 37,8 | 29,9 | 96,0 | 76,0 | 106/122 | - | PW | 102cm(40") |
| Polyethylene | PE 0225/42PW | 0225 | 42 | 32,7 | 25,2 | 83,0 | 64,0 | 122 | - | PW | 102cm(40") |
| Polyethylene | PE 0260/43PW | 0260 | 43 | 26,4 | 24,0 | 67,0 | 61,0 | 122/150 | - | PW | 102cm(40") |
| Polyethylene | PE 0290/43PW | 0290 | 43 | 23,2 | 22,0 | 59,0 | 56,0 | 150 | - | PW | 102cm(40") |
| Polyethylene | PE 0350/45PW | 0350 | 45 | 19,7 | 18,5 | 50,0 | 47,0 | 173 | - | PW | 102cm(40") |
| Polyethylene | PE 0405/43PW | 0405 | 43 | 16,5 | 15,7 | 42,0 | 40,0 | 212 | - | PW | 102cm(40") |
| Polyethylene | PE 0525/47PW | 0525 | 47 | 13,4 | 12,6 | 34,0 | 32,0 | 244 | - | PW | 102cm(40") |
| Polyethylene | PE 0760/52PW | 0760 | 52 | 9,8 | 9,1 | 25,0 | 23,0 | 298 | - | PW | 102cm(40") |
| Polyethylene | PE 0925/53PW | 0925 | 53 | 7,9 | 7,9 | 20,0 | 20,0 | 345 | - | PW | 102cm(40") |
| Polyethylene | PE 1240/61PW | 1240 | 61 | 6,3 | 6,3 | 16,0 | 16,0 | 345 | - | PW | 102cm(40") |
| Polyethylene | PE 1570/55PW | 1570 | 55 | 4,7 | 4,7 | 12,0 | 12,0 | 545 | - | PW | 102cm(40") |
| Polyethylene | PE 3085/72PW | 3085 | 72 | 2,8 | 2,8 | 7,0 | 7,0 | 545 | - | PW | 102cm(40") |
| Polyethylene | PE 4310/72PW | 4310 | 72 | 2,0 | 2,0 | 5,0 | 5,0 | 770 | - | PW | 102cm(40") |

PP line: POLYPROPYLENE mesh

| | | | | | | | | | | | |
|---------------|--------------|------|----|------|------|-------|-------|-----|---|----|------------|
| Polypropylene | PP 0110/31PW | 0110 | 31 | 61,4 | 39,4 | 156,0 | 100,0 | 087 | - | PW | 102cm(40") |
| Polypropylene | PP 0140/38PW | 0140 | 38 | 47,2 | 40,2 | 120,0 | 102,0 | 087 | - | PW | 121cm(48") |
| Polypropylene | PP 0220/40PW | 0220 | 40 | 32,7 | 25,2 | 83,0 | 64,0 | 125 | - | PW | 102cm(40") |
| Polypropylene | PP 0290/43PW | 0290 | 43 | 23,2 | 22,0 | 59,0 | 56,0 | 153 | - | PW | 102cm(40") |
| Polypropylene | PP 0445/51PW | 0445 | 51 | 16,5 | 15,7 | 42,0 | 40,0 | 176 | - | PW | 102cm(40") |
| Polypropylene | PP 0755/51PW | 0755 | 51 | 9,8 | 9,1 | 25,0 | 23,0 | 305 | - | PW | 102cm(40") |
| Polypropylene | PP 0965/58PW | 0965 | 58 | 7,9 | 7,9 | 20,0 | 20,0 | 305 | - | PW | 102cm(40") |
| Polypropylene | PP 1195/57PW | 1195 | 57 | 6,3 | 6,3 | 16,0 | 16,0 | 394 | - | PW | 92cm(36") |
| Polypropylene | PP 1725/66PW | 1725 | 66 | 4,7 | 4,7 | 12,0 | 12,0 | 394 | - | PW | 92cm(36") |

FC line: ETFE mesh

| | | | | | | | | | | | |
|------|--------------|------|----|------|------|------|------|-----|-----|----|------------|
| ETFE | FC 0200/39PW | 0200 | 39 | 31,0 | 31,0 | 80,0 | 80,0 | 120 | 260 | PW | 102cm(40") |
| ETFE | FC 0245/45PW | 0245 | 45 | 27,0 | 27,0 | 70,0 | 70,0 | 120 | 245 | PW | 102cm(40") |
| ETFE | FC 0300/51PW | 0300 | 51 | 24,0 | 24,0 | 60,0 | 60,0 | 120 | 240 | PW | 102cm(40") |
| ETFE | FC 0360/50PW | 0360 | 50 | 20,0 | 20,0 | 50,0 | 50,0 | 150 | 310 | PW | 102cm(40") |
| ETFE | FC 0435/47PW | 0435 | 47 | 16,0 | 16,0 | 40,0 | 40,0 | 200 | 400 | PW | 102cm(40") |
| ETFE | FC 0645/58PW | 0645 | 58 | 12,0 | 12,0 | 30,0 | 30,0 | 200 | 390 | PW | 102cm(40") |
| ETFE | FC 1020/65PW | 1020 | 65 | 8,0 | 8,0 | 20,0 | 20,0 | 250 | 490 | PW | 102cm(40") |
| ETFE | FC 2140/71PW | 2140 | 71 | 4,0 | 4,0 | 10,0 | 10,0 | 400 | 750 | PW | 102cm(40") |



Head Office

NBC inc.

2-50-3 Toyoda, Hino
Tokyo 191-0053, Japan
TEL: 81(0)42-582-2413
FAX: 81(0)42-584-1374
URL: www.nbc-jp.com
E-mail: info@nbc-jp.com

North America

DYNAMESH inc /NBC
1555 W. Hawthorne, Unit 4E
West Chicago, IL60185
TEL: 800-235-5056 or 630-293-5454
FAX: 630-293-5647
URL: www.dynamesh.com

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