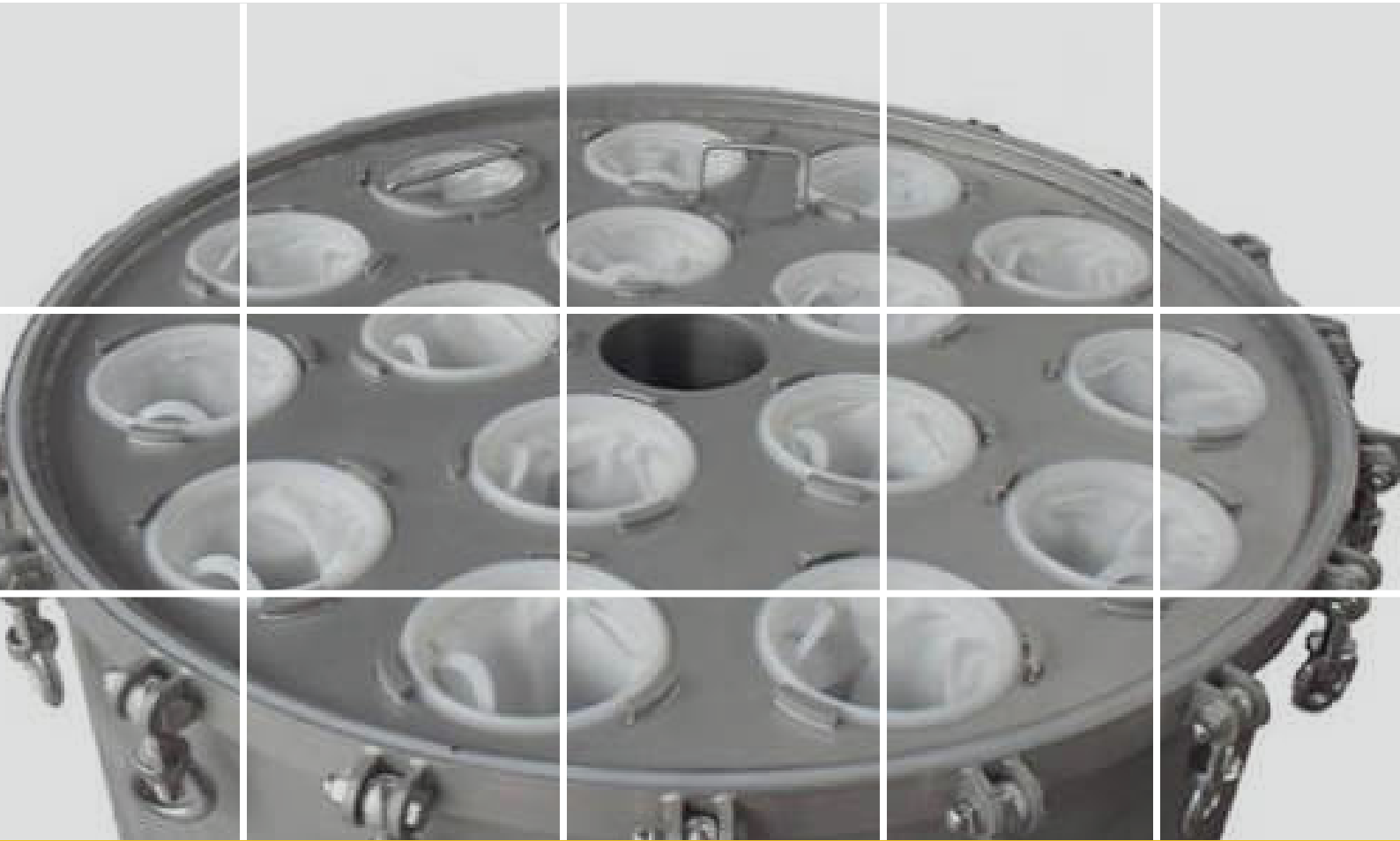




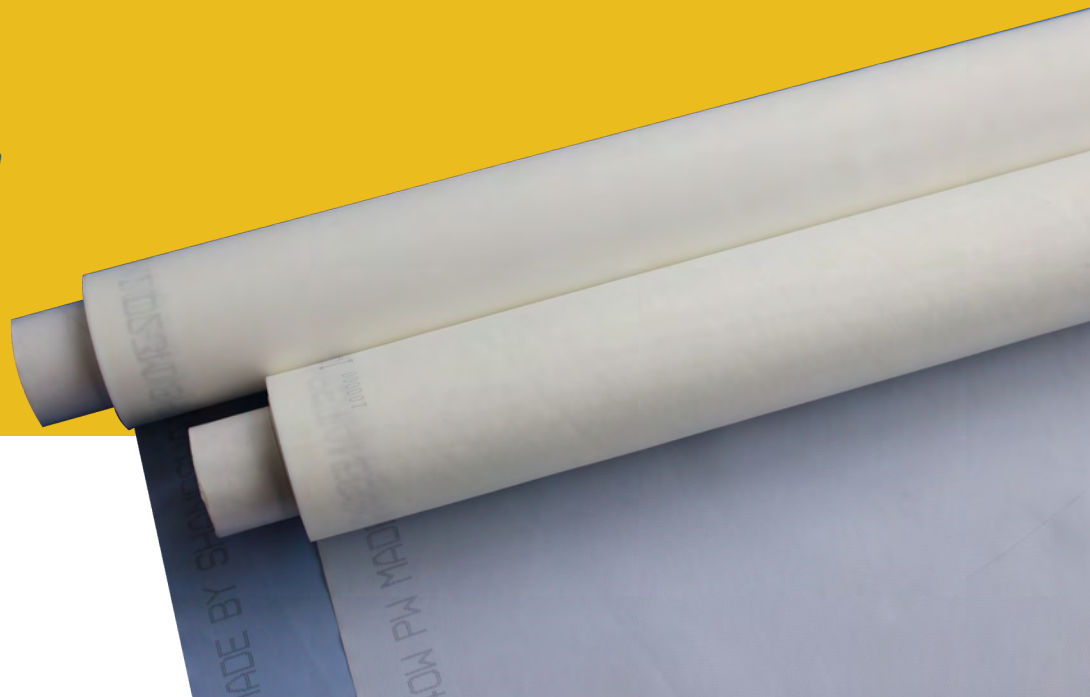
EASTAR

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FILTERING MESH FOR Water Treatment

- *Water Treatment*
- *Breeding Water Purification*
- *Circulating Water Filtration*



Bag filters for Water Purification & Filtration in Industrial Fields

Bag filters are a low cost filtration method, which is alternative to cartridge filtration. They are widely used in water treatment industries for waste water treatment, circulating water filtration and breeding water filtration.

Wide ranges of bag sizes and mesh openings can fit for different filtration fineness and specific applications.

Bag filters are commonly used combined with woven mesh or perforated filter cartridge in single or multiple filter housing.

Features

- Nylon or polyester monofilament structure in plain weave structure.
- Different bag sizes to fit for different filter housing and equipment.
- Wide ranges of mesh counts for different filtration fineness.
- Chemical stability and excellent corrosion resistance.
- Low friction coefficient and small filtration abrasion.
- Even and stable structure ensure high filtering efficiency and long lifespan.
- High temperature resistance, it can be used in maximum 260 °C high temperature.

Applications

- Groundwater treatment.
- Cooling water filtration.
- Industrial process water filtration.
- Waste water treatment.
- Circulating water filtration.
- Breeding water filtration.



Bag filter with metal ring



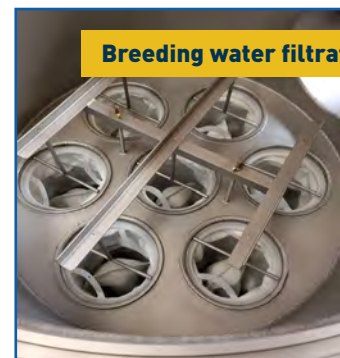
Bag filter with plastic ring



Sewage water treatment



Circulating water filtration



Breeding water filtration

TECHNICAL DATA

Nylon Filter Mesh

Dimensions

- **Material:** monofilament nylon wire PA6 or PA66.
- **Weaving method:** plain weave or twill weave.
- **Mesh size:** 5 mesh to 236 mesh.
- **Width:** 115/127/145/165 cm and maximum is 365 cm.
- **Length:** 30–100 m and customized lengths.

Nylon Micron Filter Mesh Technical data

| Item | Mesh Count | | Thread Diameter | Mesh Opening | Open Area | Fabric Thickness | Weight |
|------------|------------|-----------|-----------------|--------------|-----------|------------------|------------------|
| | mesh/cm | mesh/inch | µm | µm | % | µm | g/m ² |
| NFM12-550 | 5 | 12 | 550 | 1500 | 56 | 850 | 271 |
| NFM16-400 | 6 | 16 | 400 | 1267 | 58 | 780 | 208 |
| NFM18-350 | 7 | 18 | 350 | 1079 | 57 | 675 | 186 |
| NFM20-350 | 8 | 20 | 350 | 900 | 52 | 685 | 212 |
| NFM24-250 | 9 | 24 | 250 | 800 | 58 | 455 | 145 |
| NFM25-250 | 10 | 25 | 250 | 750 | 52 | 460 | 165 |
| NFM30-300 | 12 | 30 | 300 | 533 | 41 | 585 | 234 |
| NFM30-250 | 12 | 30 | 250 | 600 | 50 | 470 | 162 |
| NFM35-250 | 14 | 35 | 250 | 464 | 34 | 595 | 273 |
| NFM40-250 | 16 | 40 | 250 | 375 | 36 | 485 | 217 |
| NFM40-200 | 16 | 40 | 200 | 400 | 44 | 370 | 139 |
| NFM50-200 | 20 | 50 | 200 | 300 | 36 | 385 | 173 |
| NFM50-150 | 20 | 50 | 150 | 350 | 49 | 375 | 98 |
| NFM60-150 | 24 | 60 | 150 | 250 | 40 | 385 | 117 |
| NFM70-150 | 28 | 70 | 150 | 207 | 44 | 215 | 87 |
| NFM76-120 | 30 | 76 | 120 | 200 | 39 | 225 | 94 |
| NFM80-100 | 32 | 80 | 100 | 215 | 47 | 165 | 69 |
| NFM90-100 | 36 | 90 | 100 | 180 | 42 | 178 | 78 |
| NFM100-100 | 40 | 100 | 100 | 150 | 36 | 190 | 87 |
| NFM110-80 | 43 | 110 | 80 | 152 | 43 | 135 | 60 |
| NFM120-80 | 48 | 120 | 80 | 130 | 38 | 145 | 67 |
| NFM140-60 | 56 | 140 | 60 | 120 | 44 | 85 | 44 |
| NFM150-60 | 59 | 150 | 60 | 110 | 42 | 98 | 46 |
| NFM160-60 | 64 | 160 | 60 | 100 | 37 | 105 | 50 |
| NFM180-50 | 72 | 180 | 50 | 90 | 41 | 82 | 39 |
| NFM200-50 | 80 | 200 | 50 | 75 | 36 | 90 | 43 |
| NFM230-40 | 90 | 230 | 40 | 70 | 40 | 65 | 30 |
| NFM250-40 | 100 | 250 | 40 | 60 | 36 | 65 | 35 |
| NFM280-40 | 110 | 280 | 40 | 50 | 30 | 67 | 38 |
| NFM305-40 | 120 | 305 | 40 | 43 | 25 | 70 | 42 |
| NFM330-40 | 130 | 330 | 40 | 37 | 23 | 75 | 45 |
| NFM355-37 | 140 | 355 | 37 | 34 | 20 | 68 | 43 |
| NFM400-39 | 157 | 400 | 39 | 25 | 15.4 | 74 | 52 |
| NFM157-TW | 157 | 400 | 39 | 25 | 15.7 | 74 | 52 |
| NFM169-TW | 169 | 430 | 39 | 20 | 11.4 | 74 | 56 |
| NFM185-TW | 185 | 470 | 39 | 15 | 7.7 | 74 | 61 |
| NFM208-TW | 208 | 530 | 39 | 10 | 4.32 | 74 | 69 |
| NFM220-TW | 220 | 560 | 39 | 7 | 2.37 | 74 | 73 |
| NFM236-TW | 236 | 600 | 39 | 3.5 | 0.7 | 74 | 78 |

TECHNICAL DATA

Polyester Filter Mesh

Dimensions

- **Material:** 100% monofilament polyester wire.
- **Mesh counts Range:** 10–420 mesh/inch.
- **Weaving method:** plain weave, twill weave, dutch weave.
- **Width:** 115/127/145/165 cm and maximum is 365 cm.
- **Length:** 30–100 m and customized lengths.
- **Color:** white, black, yellow and customized colors.

Technical Data of Polyester Filter Mesh

| Specification | Mesh Count | Thread Diameter | Aperture | Opening | Thickness | Ink Through Volume Theoretical | Tensile Strength |
|---------------|------------|-----------------|----------|---------|-----------|---------------------------------|------------------|
| | mesh/inch | micron | micron | % | micron | cm ³ /m ² | n/cm |
| 10-200 | 25 | 200 | 816 | 65 | 440 | 276 | 42 |
| 10-250 | 25 | 250 | 740 | 53 | 465 | 246 | 60 |
| 12-200 | 30 | 200 | 522 | 47 | 485 | 228 | 62 |
| 16-200 | 40 | 200 | 435 | 47 | 420 | 189 | 48 |
| 20-140 | 50 | 140 | 340 | 46 | 280 | 129 | 52 |
| 20-180 | 50 | 180 | 320 | 41 | 350 | 152 | 56 |
| 24-100 | 60 | 100 | 316 | 58 | 190 | 109 | 48 |
| 24-120 | 60 | 120 | 300 | 51 | 210 | 105 | 42 |
| 32-100 | 80 | 100 | 200 | 43 | 160 | 69 | 42 |
| 36-100 | 90 | 100 | 178 | 41 | 175 | 72 | 42 |
| 39-55 | 100 | 55 | 201 | 62 | 100 | 62 | 30 |
| 39-80 | 100 | 80 | 172 | 46 | 142 | 65 | 42 |
| 43-80 | 110 | 80 | 150 | 41 | 130 | 55 | 35 |
| 48-70 | 120 | 70 | 135 | 41 | 115 | 46 | 32 |
| 53-55 | 135 | 55 | 134 | 50 | 105 | 53 | 34 |
| 54-64 | 137 | 64 | 115 | 39 | 102 | 40 | 30 |
| 59-55 | 150 | 55 | 100 | 40 | 93 | 39 | 32 |
| 64-55 | 160 | 55 | 101 | 42 | 105 | 44 | 30 |
| 64-64 | 160 | 64 | 90 | 32 | 106 | 34 | 35 |
| 72-48 | 180 | 48 | 94 | 46 | 80 | 37 | 32 |
| 72-55 | 180 | 55 | 75 | 29 | 92 | 27 | 32 |
| 77-55 | 195 | 55 | 70 | 25 | 88 | 24 | 29 |
| 80*48 | 200 | 48 | 78 | 30 | 84 | 24 | 29 |
| 80-55 | 200 | 55 | 70 | 25 | 88 | 24 | 29 |
| 90-48 | 230 | 48 | 55 | 25 | 78 | 20 | 33 |
| 100-40 | 250 | 40 | 58 | 32 | 65 | 21 | 29 |
| 110-40 | 280 | 40 | 48 | 27 | 65 | 17 | 30 |
| 120-34 | 300 | 34 | 45 | 30 | 55 | 16 | 30 |
| 120-40 | 300 | 40 | 40 | 20 | 55 | 16 | 29 |
| 140-31 | 350 | 31 | 35 | 26 | 48 | 13 | 27 |
| 140-34 | 350 | 34 | 30 | 20 | 55 | 10 | 30 |
| 150-31 | 380 | 31 | 32 | 23 | 47 | 10 | 28 |
| 150-34 | 380 | 34 | 30 | 20 | 69 | 10 | 30 |
| 165-31 | 420 | 31 | 25 | 17 | 49 | 8 | 28 |

TECHNICAL DATA

Stainless Steel Filter Mesh

Dimensions

- **Material:** stainless steel wires.
- **Grade:** 304, 304L, 316, 316L.
- **Weaving method:** plain weave, twill weave and dutch weave.
- **Various custom service.** 30–80 m or customized sizes.
- **Tailored service:** Disc, tube, basket and other special sizes can be customized.

Plain Weave Stainless Steel Filter Mesh

| Item | Mesh Size | Wire Diameter | | Mesh Opening | | Open Area |
|-------------|-----------|---------------|--------|--------------|--------|-----------|
| | mesh/inch | inch | mm | inch | mm | % |
| SSFMP-1 | 1 x 1 | 0.08 | 2.03 | 0.92 | 23.37 | 84.6 |
| SSFMP-2 | 2 x 2 | 0.063 | 1.6 | 0.437 | 11.1 | 76.4 |
| SSFMP-3 | 3 x 3 | 0.054 | 1.37 | 0.279 | 7.09 | 70.1 |
| SSFMP-4-1 | 4 x 4 | 0.063 | 1.6 | 0.187 | 4.75 | 56 |
| SSFMP-4-2 | 4 x 4 | 0.047 | 1.19 | 0.203 | 5.16 | 65.9 |
| SSFMP-5 | 5 x 5 | 0.041 | 1.04 | 0.159 | 4.04 | 63.2 |
| SSFMP-6 | 6 x 6 | 0.035 | 0.89 | 0.132 | 3.35 | 62.7 |
| SSFMP-8 | 8 x 8 | 0.028 | 0.71 | 0.097 | 2.46 | 60.2 |
| SSFMP-10-1 | 10 x 10 | 0.025 | 0.64 | 0.075 | 1.91 | 56.3 |
| SSFMP-10-2 | 10 x 10 | 0.02 | 0.51 | 0.08 | 2.03 | 64 |
| SSFMP-12-1 | 12 x 12 | 0.023 | 0.584 | 0.06 | 1.52 | 51.8 |
| SSFMP-12-2 | 12 x 12 | 0.02 | 0.508 | 0.063 | 1.6 | 57.2 |
| SSFMP-14-1 | 14 x 14 | 0.023 | 0.584 | 0.048 | 1.22 | 45.2 |
| SSFMP-14-2 | 14 x 14 | 0.02 | 0.508 | 0.051 | 1.3 | 51 |
| SSFMP-16 | 16 x 16 | 0.018 | 0.457 | 0.0445 | 1.13 | 50.7 |
| SSFMP-18 | 18 x 18 | 0.017 | 0.432 | 0.0386 | 0.98 | 48.3 |
| SSFMP-20-1 | 20 x 20 | 0.02 | 0.508 | 0.03 | 0.76 | 36 |
| SSFMP-20-2 | 20 x 20 | 0.016 | 0.406 | 0.034 | 0.86 | 46.2 |
| SSFMP-24 | 24 x 24 | 0.014 | 0.356 | 0.0277 | 0.7 | 44.2 |
| SSFMP-30-1 | 30 x 30 | 0.013 | 0.33 | 0.0203 | 0.52 | 37.1 |
| SSFMP-30-2 | 30 x 30 | 0.012 | 0.305 | 0.0213 | 0.54 | 40.8 |
| SSFMP-30-3 | 30 x 30 | 0.009 | 0.229 | 0.0243 | 0.62 | 53.1 |
| SSFMP-35 | 35 x 35 | 0.011 | 0.279 | 0.0176 | 0.45 | 37.9 |
| SSFMP-40 | 40 x 40 | 0.01 | 0.254 | 0.015 | 0.38 | 36 |
| SSFMP-50-1 | 50 x 50 | 0.009 | 0.229 | 0.011 | 0.28 | 30.3 |
| SSFMP-50-2 | 50 x 50 | 0.008 | 0.203 | 0.012 | 0.31 | 36 |
| SSFMP-60-1 | 60 x 60 | 0.0075 | 0.191 | 0.0092 | 0.23 | 30.5 |
| SSFMP-60-2 | 60 x 60 | 0.007 | 0.178 | 0.0097 | 0.25 | 33.9 |
| SSFMP-70 | 70 x 70 | 0.0065 | 0.165 | 0.0078 | 0.2 | 29.8 |
| SSFMP-80-1 | 80 x 80 | 0.0065 | 0.165 | 0.006 | 0.15 | 23 |
| SSFMP-80-2 | 80 x 80 | 0.0055 | 0.14 | 0.007 | 0.18 | 31.4 |
| SSFMP-90 | 90 x 90 | 0.005 | 0.127 | 0.0061 | 0.16 | 30.1 |
| SSFMP-100-1 | 100 x 100 | 0.0045 | 0.114 | 0.0055 | 0.14 | 30.3 |
| SSFMP-100-2 | 100 x 100 | 0.004 | 0.102 | 0.006 | 0.15 | 36 |
| SSFMP-100-3 | 100 x 100 | 0.0035 | 0.089 | 0.0065 | 0.17 | 42.3 |
| SSFMP-110 | 110 x 110 | 0.004 | 0.1016 | 0.0051 | 0.1295 | 30.7 |
| SSFMP-120 | 120 x 120 | 0.0037 | 0.094 | 0.0064 | 0.1168 | 30.7 |
| SSFMP-150 | 150 x 150 | 0.0026 | 0.066 | 0.0041 | 0.1041 | 37.4 |
| SSFMP-160 | 160 x 160 | 0.0025 | 0.0635 | 0.0038 | 0.0965 | 36.4 |
| SSFMP-180 | 180 x 180 | 0.0023 | 0.0584 | 0.0033 | 0.0838 | 34.7 |
| SSFMP-200 | 200 x 200 | 0.0021 | 0.0533 | 0.0029 | 0.0737 | 33.6 |
| SSFMP-250 | 250 x 250 | 0.0016 | 0.0406 | 0.0024 | 0.061 | 36 |
| SSFMP-270 | 270 x 270 | 0.0016 | 0.0406 | 0.0021 | 0.0533 | 32.2 |
| SSFMP-300 | 300 x 300 | 0.0015 | 0.0381 | 0.0018 | 0.0457 | 29.7 |
| SSFMP-325 | 325 x 325 | 0.0014 | 0.0356 | 0.0017 | 0.0432 | 30 |
| SSFMP-400 | 400 x 400 | 0.001 | 0.0254 | 0.0015 | 0.37 | 36 |
| SSFMP-500 | 500 x 500 | 0.001 | 0.0254 | 0.001 | 0.0254 | 25 |
| SSFMP-635 | 635 x 635 | 0.0008 | 0.0203 | 0.0008 | 0.0203 | 25 |

Plain Dutch Weave Stainless Steel Filter Mesh

| Item | Mesh Size (Warp x Weft) | Wire Diameter | Mesh Opening |
|----------------|-------------------------|---------------|--------------|
| | mm | mm | mm |
| SSFMPD-32# | 8 x 62 | 0.63 x 0.45 | 300 |
| SSFMPD-40# | 10 x 79 | 0.50 x 0.355 | 250 |
| SSFMPD-48# | 12 x 64 | 0.58 x 0.40 | 280 |
| SSFMPD-55# | 14 x 88 | 0.40 x 0.30 | 180 |
| SSFMPD-76# | 19 x 140 | 0.315 x 0.20 | 140 |
| SSFMPD-80# | 20 x 300 | 0.35 x 0.20 | - |
| SSFMPD-95# | 24 x 110 | 0.355 x 0.25 | 120 |
| SSFMPD-100# | 25 x 140 | 0.28 x 0.20 | 100 |
| SSFMPD-120# | 30 x 150 | 0.25 x 0.18 | 80 |
| SSFMPD-140# | 35 x 175 | 0.224 x 0.16 | 71 |
| SSFMPD-160# | 40 x 200 | 0.20 x 0.14 | 60 |
| SSFMPD-180# | 45 x 250 | 0.16 x 0.112 | 56 |
| SSFMPD-200# | 50 x 250 | 0.14 x 0.11 | 53 |
| SSFMPD-220# | 55.5 x 280 | 0.14 x 0.10 | 50 |
| SSFMPD-240# | 65 x 330 | 0.11 x 0.08 | 36 |
| SSFMPD-280#(1) | 70 x 350 | 0.11 x 0.08 | 35 |
| SSFMPD-280#(2) | 70 x 385 | 0.11 x 0.07 | 32 |
| SSFMPD-300# | 78 x 700 | 0.11 x 0.08 | 30 |
| SSFMPD-315#(1) | 80 x 400 | 0.10 x 0.065 | 40 |
| SSFMPD-315#(2) | 80 x 600 | 0.10 x 0.06 | - |
| SSFMPD-315#(3) | 80 x 800 | 0.15 x 0.04 | - |
| SSFMPD-320# | 81 x 780 | 0.10 x 0.07 | 30 |
| SSFMPD-354# | 90 x 550 | 0.12 x 0.05 | - |

Twill Dutch Weave Stainless Steel Filter Mesh

| Item | Mesh Size (Warp x Weft) | Wire Diameter | Mesh Opening |
|----------------|-------------------------|---------------|--------------|
| | mm | mm | mm |
| SSFMTD-360# | 91 x 787 | 0.10 x 0.07 | 25 |
| SSFMTD-400# | 101 x 900 | 0.10 x 0.063 | 20 |
| SSFMTD-472# | 120 x 400 | 0.10 x 0.075 | - |
| SSFMTD-500# | 127 x 1100 | 0.07 x 0.05 | 17 |
| SSFMTD-630# | 160 x 1500 | 0.063 x 0.04 | 15 |
| SSFMTD-650#(1) | 165 x 400 | 0.071 x 0.06 | - |
| SSFMTD-650#(2) | 165 x 600 | 0.071 x 0.05 | - |
| SSFMTD-650#(3) | 165 x 800 | 0.071 x 0.05 | 25 |
| SSFMTD-650#(4) | 165 x 1100 | 0.071 x 0.045 | - |
| SSFMTD-650#(5) | 165 x 1400 | 0.071 x 0.04 | 16 |



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