



Sefar incorporates only the finest stainless steel wire cloth in our screen manufacturing process. High strength, better tension-retaining properties and exceptionally uniform weave thickness provide outstanding print quality.

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Screen Mesh: Stainless Steel

| Mesh Count (wires/inch) | Wire Diameter (inches) | Mesh Opening (inches) | Open Area (%) | Weave Thickness (inches) | Recommended Tension (N/cm) | Wet Print Thickness (inches) |
|-------------------------|------------------------|-----------------------|---------------|--------------------------|----------------------------|------------------------------|
| 30 | 0.0065 | 0.0268 | 64.8 | .0115-.0140 | 42-52 | 0.0081 |
| 50 | 0.0055 | 0.0145 | 52.6 | .0094-.0106 | 42-52 | 0.0053 |
| 60 | 0.0045 | 0.0130 | 58.3 | .0081-.0095 | 42-52 | 0.0051 |
| 80 | 0.0020 | 0.0105 | 70.5 | .0041-.0046 | 18-24 | 0.0030 |
| 80 | 0.0037 | 0.0088 | 49.5 | .0080-.0089 | 26-42 | 0.0042 |
| 105 | 0.0030 | 0.0070 | 46.9 | .0060-.0067 | 26-42 | 0.0030 |
| 120 | 0.0026 | 0.0065 | 47.3 | .0052-.0058 | 26-42 | 0.0026 |
| 135 | 0.0023 | 0.0057 | 47.3 | .0052-.0058 | 26-42 | 0.0026 |
| 145 | 0.0022 | 0.0047 | 46.4 | .0045-.0050 | 26-42 | 0.0022 |
| 150 | 0.0026 | 0.0041 | 37.2 | .0052-.0058 | 26-37 | 0.0020 |
| 165 | 0.0020 | 0.0041 | 44.9 | .0041-.0046 | 26-37 | 0.0019 |
| 180 | 0.0018 | 0.0038 | 45.7 | .0038-.0043 | 26-37 | 0.0018 |
| 200 | 0.0021 | 0.0029 | 33.6 | .0041-.0046 | 26-37 | 0.0014 |
| 200 | 0.0016 | 0.0034 | 46.2 | .0033-.0038 | 29-35 | 0.0016 |
| 200 | 0.0014 | 0.0035 | 51.8 | .0029-.0034 | 26-34 | 0.0017 |
| 230 | 0.0014 | 0.0029 | 45.9 | .0029-.0034 | 22-34 | 0.0014 |
| 230 | 0.0011 | 0.0032 | 54.0 | .0023-.0026 | 18-24 | 0.0014 |
| 230 Cal | 0.0011 | 0.0032 | 54.0 | .0017-.0019 | 18-24 | 0.0010 |
| 250 | 0.0016 | 0.0024 | 36.0 | .0033-.0037 | 26-37 | 0.0013 |
| 270 | 0.0014 | 0.0023 | 38.6 | .0029-.0034 | 26-36 | 0.0012 |
| 280 | 0.0012 | 0.0024 | 44.1 | .0025-.0029 | 21-33 | 0.0012 |
| 290* | 0.0008 | 0.0027 | 60.0 | .0016-.0019 | 15-28 | 0.0011 |
| 325 | 0.0009 | 0.0022 | 50.1 | .0019-.0022 | 15-21 | 0.0011 |
| 325 Cal | 0.0009 | 0.0022 | 50.1 | .0012-.0015 | 15-21 | 0.0007 |
| 325 | 0.0011 | 0.0020 | 41.3 | .0022-.0026 | 21-32 | 0.0010 |
| 325 Cal | 0.0011 | 0.0020 | 41.3 | .0017-.0019 | 21-32 | 0.0007 |
| 360 | 0.0006 | 0.0022 | 60.0 | .0012-.0016 | 15-28 | 0.0008 |
| 400 | 0.0010 | 0.0015 | 37.0 | .0018-.0022 | 20-30 | 0.0007 |
| 400 Cal | 0.0010 | 0.0015 | 38.0 | .0015-.0018 | 20-30 | 0.0006 |
| 400 | 0.0007 | 0.0018 | 51.0 | .0014-.0017 | 15-21 | 0.0008 |
| 400 Cal | 0.0007 | 0.0018 | 51.0 | .0009-.0011 | 15-21 | 0.0005 |
| 500 Cal* | 0.0007 | 0.0013 | 42.3 | .0010-.0013 | 15-21 | 0.0005 |

*High tensile strength alloy mesh
Cal = calendered mesh

Wire Mesh Specification accuracy is within 4%



SEFAR® PET 1500 is the industry's leading low elongation polyester mesh which features improved stencil adhesion properties. It is available in the widest range of thread diameters and mesh counts. SEFAR® PET 1500's increased mesh strength and durability combined with low elongation provide:

- Higher tension levels
- Low elongation
- Superior print quality
- Increased durability
- Consistent registration throughout the entire run
- Machine utilization optimization

SEFAR® PET 1500

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Screen Mesh: Polyester

| Mesh Specification | Mesh Count (t.p.i.) | Mesh Opening (um) | Thread Diameter (um) | Open Area (%) | Mesh Thickness (um) |
|--------------------|---------------------|-------------------|----------------------|---------------|---------------------|
| 60-140 | 60 | 270 | 140 | 41.9 | 250 |
| 76-140 | 76 | 188 | 140 | 31.9 | 260 |
| 83-100 | 83 | 209 | 100 | 44.5 | 165 |
| 92-100 | 92 | 174 | 100 | 39.1 | 160 |
| 110-80 | 110 | 149 | 80 | 40.8 | 130 |
| 123-80 | 123 | 122 | 80 | 34.5 | 130 |
| 137-64 | 137 | 115 | 64 | 38.7 | 103 |
| 156-64 | 156 | 90 | 64 | 30.1 | 101 |
| 175-55 | 175 | 85 | 55 | 33.5 | 85 |
| 195-55 | 195 | 67 | 55 | 26.5 | 88 |
| 230-48 | 230 | 55 | 48 | 24.6 | 81 |
| 240-48 | 240 | 50 | 48 | 22.8 | 81 |
| 255-48 TW | 255 | 45 | 48 | 20.3 | 88 |
| 280-34 | 280 | 54 | 34 | 35.2 | 55 |
| 280-40 | 280 | 47 | 40 | 26.6 | 65 |
| 305-34 | 305 | 45 | 34 | 29.9 | 55 |
| 330-34 | 330 | 40 | 34 | 26.9 | 53 |
| 355-34 | 355 | 31 | 34 | 19.4 | 55 |
| 355-34 TW | 355 | 33 | 34 | 21.3 | 62 |
| 380-31 | 380 | 32 | 31 | 23.3 | 47 |
| 460-27 | 460 | 22 | 27 | 15.1 | 43 |

All above product descriptions are plain weave unless designated TW (twill weave).