

Technical Specifications: Blau-Metall Perforated Plate Test Sieves, 200 x 50 mm

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| Test Sieve Frame: | Stainless Steel, 1.4301 |
| Perforated Plate: | Stainless Steel, 1.4301 / 1.4401 |
| Internal Tensioning Ring: | Stainless Steel, 1.4301 |
| External Sealant Ring: | Standard: NBR 70 |
| | Optional: FPM 75 |
| Internal Solder Joints: | Standard: 60% Sn, 40% Pb |
| | Optional: 99.9% Sn (Pharmaceutical/Food industry) |
| Internal Sieve Diameter (D_1): | 199.5 mm |
| External Sieve Diameter (max.): | 210 mm |
| External Sieve Diameter (D_2): | 199 mm |
| Sieve Depth (H_1): | 50 mm |
| Depth (H_2), Total Frame Height: | 65 mm |
| Frame Wall Thickness: | 0.8 mm |
| External Sealant Ring: | 185 x 6.0 mm |
| Sieve Weight: | 0.475 kg to 1.050 kg |
| Perforated Plate Thickness: | 0.5 to 3.0 mm |
| Perforated Area: | 185 mm (unperforated margin) |
| | 200 mm (perforated margin) |
| Perforation Patterns: | Round in staggered rows (Rv) |
| | Oblong in straight rows (Lg) |
| | Oblong in staggered rows (Lv) |
| | Square in straight rows (Og) |
| | Specialty Perforations: triangular, hexagonal |
| Aperture Size: | 0.5 mm to 125 mm |
| Available Standards: | DIN ISO 3310-2 / ISO 3310-2 |
| | DIN EN ISO 5223 / ISO 5223 |
| | ASTM E 323 |
| | DIN 24041 |
| | U.S. Code of Federal Regulations |
| | Tolerance Specifications |
| Operating Temperature: | Standard: -30 to +80 °C |
| | Optional: -15 to +200 °C (FPM & 99.9% Sn) |
| Chemical Resistance: | Standard: Limited |
| | Optional: resistant to corrosive acids & bases |
| Additional Features: | Tamper-proof 3D Laser Label |
| | Upper safety edge for easy handling |
| Documentation: | Certificate of Compliance 2.1 (EN 10204) |
| | Test Sieve Record Card |
| | Optional: Inspection Certificate 3.1 (EN 10204) |
| | Optional: Calibration Certificate 3.1 (EN 10204) |
| Compatibility: | Blau-Metall Sieves are compatible with 200 mm test sieves and sieving machines of all major manufacturers, including Haver & Boecker, Tyler, Endecotts, Retsch, VWR, Fisher, Linker, Fritsch. |

