

## Technical Specifications: Blau-Metall Perforated Plate Test Sieves, 200 x 32 mm

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 ( $H_1$ ):	32 mm
Depth ( $H_2$ ), Total Frame Height:	46.5 mm
Frame Wall Thickness:	0.8 mm
External Sealant Ring:	185 x 6.0 mm
Sieve Weight:	0.380 kg to 0.970 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.

