



Material Declaration

Endecotts Limited
Parsons Lane
Hope, Hope Valley
United Kingdom
S33 6RB
Phone +44 (0) 20 8542 8121
E-Mail sales@endecotts.com
Internet <http://www.endecotts.com>

Sieve – Stainless steel

- Sieve frames, receivers and lids are constructed from AISI 304L stainless steel
- Frame thickness varies depending on the diameter of the sieve:
 - Less than 200mm – 0.6mm
 - 200mm / 8” – 0.7mm
 - 300mm and larger – 0.8mm
- Sieve frames, receivers and lids for 200mm / 8” components are electro-polished to ensure corrosion resistance. Material used during electro-polishing – POLIGRAT E 268 K.
- All other diameter size components are naturally bright with an annealed finish or manually polished and cleaned. Any polish residue is removed prior to assembly.

Woven wire mesh sieves

- The stainless-steel woven wire mesh steel type is dependent on the aperture size.
 - For apertures of 20µm to 2.50mm the material is 316L stainless steel.
 - For apertures of 2.80mm to 125.0mm the material is 304 stainless steel.
- Full traceability is available from the material supplier for woven wire mesh.
- The mesh used in Endecotts test sieves is inspected in line with clause 5.2 of ISO 3310-1:2016 or clause 5 of ASTM E11-22 (or the relevant clause of the required specification) during the manufacturing process.

Perforated Plate sieves

- The plate used for perforated plate sieves are AISI 304L stainless steel.
- The plate used in Endecotts perforated metal plate test sieves is inspected in line with clause 5.2 of ISO 3310-2:2013 (or the relevant clause of the required specification) during the manufacturing process.
- Plate thickness varies according to the sieve diameter as specified in clause 5.1.3 of ISO 3310-2:2013 (or the relevant clause of the required specification)

Electro-welding

- Mesh and perforated plate are secured to the sieve frame by electro welding. No additional material used for electro-welding.

O-rings

- O-ring supplied with 200mm and 8” stainless steel sieve is Ethylene Propylene rubber EPDM 70.

All goods are manufactured and inspected under a Quality Management System to BS EN ISO 9001:2015, registered with BSI, to ensure compliance with order instructions.

In all cases, Endecotts reserves the right to vary its method of manufacture to suit demand and operational parameters.