

Sieves, spacers and perforation table

Perforated sieves and spacers for granulators and wash lines, with the full perforation table.

Every position in this catalogue was measured against equipment running in production before it was added. Brand names and trademarks are referenced solely to identify equipment compatibility. Plastedge is not an OEM manufacturer, authorised dealer or official partner of the manufacturers mentioned unless expressly stated otherwise.

What is in this catalogue

Perforated sieves and spacers for granulators, wash lines and pelletising lines, plus the perforation table we use when a sieve has to be matched to a target flake size.

- Sieves - 330 positions, 3 to 12 mm perforation
- Hardened sets for abrasive and filled material
- Spacers and clamping strips for the same machines
- Custom perforation from a drawing or a sample

Selected positions

Code	Position	Compatible with	Material	Hardness	Dimensions
RECY0018	Perforated sieve	Herbold SML 60	hardened	52-54 HRC	8 mm perforation
SIEV0004	Perforated sieve	Zerma GSL 300	hardened	52-54 HRC	6 mm perforation
SIEV0011	Perforated sieve	Rapid Granulator 300	hardened	52-54 HRC	10 mm perf.
SIEV0017	Spacer set	Getecha RS 3004	1.2312	52-54 HRC	3 x 8 mm
SIEV0022	Perforated sieve	Tria 45-50	hardened	52-54 HRC	5 mm perforation
SIEV0029	Clamping strip	Cumberland 1600	1.2312	52-54 HRC	600 x 40 mm
SIEV0034	Perforated sieve	Pallmann PS 6-8	hardened	52-54 HRC	12 mm perf.

Perforation table

Hole size	Open area	Flake size	Typical material
3 mm	30 %	2 - 3 mm	Engineering plastics, fine regrind
4 mm	34 %	3 - 4 mm	PET flake for bottle-to-bottle
5 mm	38 %	4 - 5 mm	Rigid PE and PP regrind
6 mm	40 %	5 - 6 mm	General purpose
8 mm	44 %	6 - 8 mm	Film and thin-wall packaging
10 mm	47 %	8 - 10 mm	Purge, lump and thick-wall
12 mm	50 %	10 - 12 mm	Pre-cut before a second stage

Wear on sieves

A sieve wears from the inside out: the holes go oval, the open area grows and the flake size drifts up with it. If the fraction leaving the granulator has changed and the knives are fine, measure the holes before you touch the gap.

Documents with every delivery

Every delivery, whatever the position, carries the same four documents at no extra charge: the material certificate with the steel grade, melt number and full chemical analysis; the hardness report with the measuring point marked on the drawing; the measurement report with the actual dimensions taken after grinding; and the customs set with the HS code and the packing list.

Ordering and lead times

How to order: send the machine brand and model, the part group or the original part number, the quantity, a photo of the worn part (both sides if possible) and a drawing or the dimensions you measured. An engineer answers with price and lead time within one working day.

Stock positions are dispatched within 48 hours. Made-to-order geometry from a sample or a drawing takes 10-15 working days depending on the steel grade and the heat treatment.