

Net-backed abrasives

Full surface dust extraction thanks to open net backing

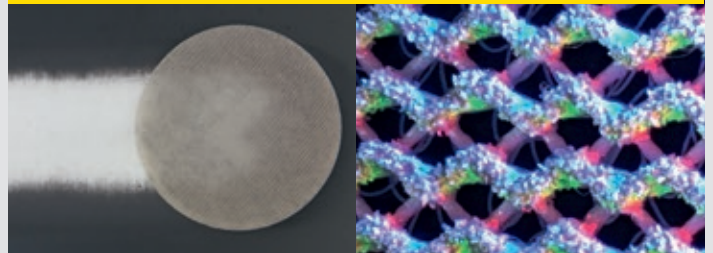
Grit on a net backing enables full surface dust extraction thanks to the open backing structure. For the first time, this dust extraction ensures a virtually dust free work environment in which one's health is protected, process reliability is improved and the lifetime of the abrasive is increased.

Grit on a cloth / paper backing



Grit on a cloth or paper backing is embedded in binder resin on the whole surface, and dust extraction is enabled by punched holes. The grit is glued together and has little space to incorporate dust, which can strongly influence the lifetime of the abrasive.

Grit on a net backing



A net backing, consisting of a polyester fibre, is coated using a modern specific manufacturing procedure. Thanks to a sophisticated process, only the top fibre of the net is coated with grit. The inner, functional structure and the back of the abrasive with the siafast fastening loops remain free of grit.

This precise grit coating ensures full surface dust extraction for a dust free work environment and maximum removal rate.

Performance comparison

Abrasive: Ø 150 mm, Grit 240, Material: solid beech wood,
Machine: Eccentric 150 mm, stroke 5 mm, 103-hole soft backing pad,
fully automatic sanding check

- 7500 sianet CER (ceramic aluminium oxide)
- 7900 sianet
- Paper-backed abrasive

