



Struers moves traditional SiC grinding a huge step forward

Together with MD-Gekko the new SiC Foil revolutionises the use of SiC grinding consumables:

Easy application

Easy removal

No wrinkling

Highest quality SiC for maximum lifetime

Electrostatic manufacturing process for supreme material removal

Easy application – easy removal:

The SiC Foil is based on a PET material with a glossy backing that sticks very well on the new MD-Gekko. Together, they are an unbeatable combination.

With only one disc necessary on the preparation machine, all consumables can be exchanged instantaneously. Now that is also possible with SiC grinding consumables.

No more removal of liners from PSA papers, or removal of glue residue after the removal of the PSA paper.

No more applying of water on especially designed discs, or mounting of rings to keep the paper down.

Easy application

Easy removal

No wrinkling

Highest quality SiC for maximum lifetime

Electrostatic manufacturing process for supreme material removal





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The high-friction surface of MD-Gekko safely holds on to the SiC Foil during preparation but allows for easy removal whenever wanted. As no glue or water is involved, the SiC Foil can be applied and removed as many times as necessary – the most user-friendly solution available.

When the grinding process is finished, MD-Gekko can also be used for the fixation of other consumables with glossy backs or even for self-adhesive polishing cloths, making it truly universal.

High quality – electrostatic manufacturing:

Struers new SiC Foil are produced from high quality SiC abrasive. These abrasive particles are very durable and contribute to a very long lifetime.

For the manufacturing of the SiC Foil an electrostatic process is used. This process aligns all abrasive particles in the same direction and gives an equal distribution on the backing foil. This guarantees both supreme material removal and prevents clogging of the SiC Foil.

The long lasting, sharp abrasive particles introduce only very limited deformation into the material. When wearing, the SiC abrasives break and release new sharp cutting edges that continue to keep the deformation to a minimum.

Contrary to the normal paper backing, the strong PET foil is not sensitive to water. No matter how long it has been subjected to water, it will not wrinkle, it will always stay flat. That makes it much easier to re-use foils that are not worn; they can simply be placed back on the machine and used there until they are worn completely.

Specifications

SiC Foil

Grit size FEPA P	200 mm dia.	250 mm dia.	300 mm dia.	350 mm dia.
# 80	40400200	40400220	40400240	40400260
# 120	40400201	40400221	40400241	40400261
# 180	40400202	40400222	40400242	40400262
# 220	40400203	40400223	40400243	40400263
# 320	40400204	40400224	40400244	40400264
# 500	40400205	40400225	40400245	40400265
# 800	40400206	40400226	40400246	40400266
# 1000	40400207	40400227	40400247	40400267
# 1200	40400208	40400228	40400248	40400268
# 2000	40400209	40400229	40400249	40400269
# 4000	40400211	40400231	40400251	40400271
	200 mm dia.	250 mm dia.	300 mm dia.	350 mm dia.
MD-Gekko	49900047	49900048	49900049	49900050
Gekko PSA*	49900053	49900054	49900055	n.a.

*Gekko PSA, a self adhesive alternative to MD-Gekko for use on traditional preparation discs.