



### Highlights

- First choice for removal operations on all types of metal
- Very high abrasion rate
- Fast material removal
- Excellent geometry
- Can replace cast-iron platen

Woven pads made from polyamide filaments

## QUICK-STEP

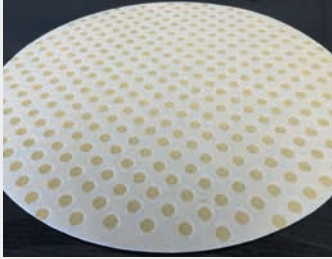
QUICK-STEP woven pads are made from polyamide filaments. Its excellent mechanical properties of tensile strength (comparable to steel) and abrasion resistance make the pad ideal for lapping work. The low absorbency of the fabric (5 %) enhances its abrasive power. Furthermore, the higher the rotation speed of the plate, the more effective the pad's hardness. QUICK-STEP can therefore be used in place of a cast-iron lapping plate, if it is used with a grit size twice that of the latter. It ensures that your workpieces are not deformed and that you obtain a surface of excellent flatness.

### Typical applications

All metals, sapphire & ruby, ceramics

Polishing pad	Base material	Hardness [Shore A]	Density [g/cm <sup>3</sup> ]	Thickness [mm]
ALUPOL-PLUS	Viskose	82	620	0,65
MAMBO	Poromer	65	814	1,50
QUICK-STEP	Polyamide	97	528	0,50
SAMBA-N	Polyacrylonitrile	87	840	1,05
STEP-PLUS	Cellulose acetate	96	720	0,65
STEP-PRO	Cellulose triacetate	96	770	0,65
SWING-PLUS	Viscose fibers	88	660	0.85

The data presented is a statistical representation for comparison purposes. The values are not necessarily representative of the COA specifications.



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Pureon offers a variety of slurries in a wide range of viscosities and custom formulations to match QUICK-STEP polishing pads. We are happy to assist you in finding the best suitable products.



Pureon offers a wide range of customized solutions. Get in touch with us.

**Product specifications**

Base material ..... Compact linear weave of polyamide filaments, eye-catching non-satin top  
Shelf life ..... 12 months  
Diameter ..... standard: Ø 200 mm – Ø 400 mm  
non-standard: Ø 401 mm – Ø 1'300 mm

**Application recommendations**

Handling ..... Apply only to a clean, dry surface at room temperature. If an appropriate solvent, such as isopropyl alcohol, is used to clean the platen after a pad removal, allow the platen to dry completely and return to room temperature before applying a new pad. Solvents remaining on the platen or an unusually cold platen will lower PSA adhesion.

When applying the pad to the platen, peel the release liner from one edge of the pad. Fold liner back approximately two inches. Align the pad with the edge of the platen and adhere. In one continuous movement, slowly peel the remaining release liner off the pad while pressing the pad down on the platen. The application should be smooth and uniform with even pressure from the pad mounting tool (such as a flat disk or hand roller).

Do not try to reposition pads with PSA adhesive

Storage ..... Product should be stored and transported in the original packaging. The product should be stored in temperatures between 10 °C to 24 °C (50 °F to 75 °F) and < 50 % humidity. Exposure for six (6) months or less to conditions between -17 °C to 48 °C (0 °F and 120 °F) and / or at relative humidity of up to 100 % will not impact the product performance as long as the release liner remains intact and attached to the PSA. If the product is exposed to temperatures and humidity outside the recommended conditions, it may still be acceptable for use. In all cases, the product should be allowed to return to normal room temperatures prior to use.

Disposal ..... Dispose of in accordance with all applicable local regulations.

**Contact**

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