

# Product data sheet GP

You have the surfaces - we take care of the finish!  
Abrasive grains such as silicon carbide or aluminium oxide are flexible embedded in elastic materials.  
As a result, our grinding and polishing tools are sponge-soft, finely porous or hard, but always elastic.

## SERIES GP

Added to white fused aluminium oxide the series GP is comprised of a high amount of polishing powder. Foamed with a high volume of pores this polyurethane bonding gives a cool polishing process and a very fine surface finish.

## TOOL

Product : ARTIFEX EK - GP  
Bonding : Foamed polyurethane | hard  
Grit size : White fused Aluminium oxide  
F80 - F240  
Hardness : W (soft) | M (medium) | H (hard)  
Colour : Green  
Delivery form : Mounted points | Blocks  
Peripheral wheels | Cup wheels  
and customised solutions  
Dimension : See page „Our Range and  
Types of Deliveries“

## EXAMPLE OF APPLICATION

Matting | Fine and super fine grinding  
High gloss finish  
Fine finishing of musical instruments like flutes as well as polishing parts in the aircraft industry

## MATERIAL

Steel | High alloy steel | Hardened steel | Aluminium  
Non-ferrous metal | Precious metal | Sintered metal

## MACHINES

CNC Machining centers | Robots | Bench grinders  
Hand held machines

Cooling lubricants : Dry | Water | Emulsion | Oil

Dressing : with all conventional tools

## RESULT

Surface roughness down to  $Rz < 1 \mu m$   
Perfectly polished surface

## ADVANTAGES

High ability to adapt to the geometry of the workpiece  
Cool process due to high volume of pores  
No clogging of the wheel and long service life



## PRODUCT CODE EXAMPLE

Bonding : \_\_\_\_\_  
Hardness : \_\_\_\_\_  
Grit size : \_\_\_\_\_  
Type of grain : \_\_\_\_\_  
PRODUCT : EK 80 M GP

## The ARTIFEX promise

We stand for tools that guarantee the highest quality standards. All ARTIFEX products are „**Made in Germany**“ and their above-average service life speaks for itself.

**Our service:** You have individual requirements, we offer customised solutions regardless of the material, shape or dimensions. We will gladly advise you on your premises.