



PerLaTech

PerGlide® PG 9825 ACHATGRAU GFG UV Leading-Edge Solution

Product information

PG 5415 GFG Achatgrau UV is a **Leading-Edge solution** based on a ultra-high molecular weight polyethylene (UHMW-PE) film. This **second generation** UHMW-PE film is specially **modified UHMW-PE** to achieve

increased performance of rain erosion resistance.

The special UV stabilization and sintering process renders the material

exceptional UV stable versus many other products in the field.

Application information

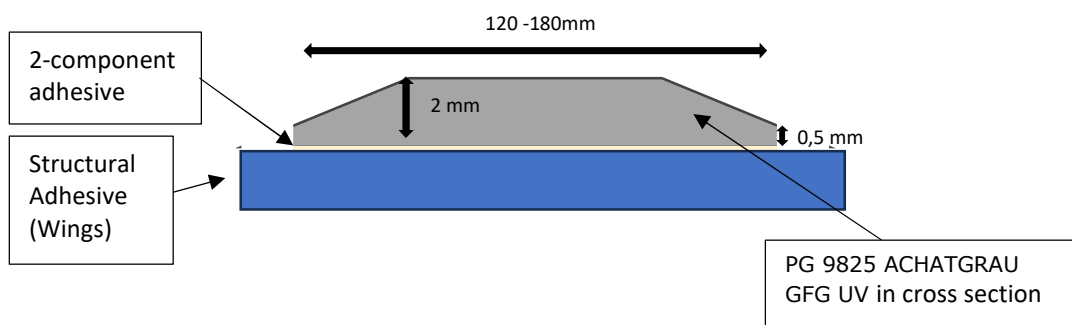
This high impact and erosion resistant UHMW-PE film ensure that the impact of small particles or raindrops are cushioned. The UHMW-PE is very tough to resist the erosion. The film is ground and flamed on one side and can be bonded to metals, composites or polymer substrates with a wide range of adhesives.

The slow abrasion of the film helps to maintain the aerodynamics throughout the lifetime of the LEP.

The long lasting LEP reduces the service interval of the blades Cost efficient with a pricing in-between a Tape and Soft shell.

Typical physical properties

Material	Values
special modified UHMW-PE PG 9825 ACHATGRAU GFG UV resistant	
Approximate thickness	0,5 mm 2,0 mm*
Standard roll width	120 mm-180mm
Tensile strength (in N/mm ²)	>30
Elongation (in %)	>240
Density (g/cm ³)	ca. 0,93



*2,0 mm thick in the middle, 0,5 mm thick at the edges

This technical information and data should be considered representative or typical only and should not be used for specification purposes.

PerLaTech suggests working with customers to develop individual specifications.

For more information, please visit our website

www.perlatech.de

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