

*Your Print - Our Mission*

## NANOTECHNOLOGY MAKES IT POSSIBLE

- Brand new innovative surface
- Outstanding solvent, scratch and cut resistance
- Lightweight – inexpensive – intelligent
- Antistatic product characteristics
  - <1 MΩ electr. resistance
  - 94/9/EG conformable (previous: ATEX 95)

**Made in  
GERMANY**

### PREMIUM VERSION

- Reinforced front sides
- Significant weight savings



Humidity  
Proof



Outstanding  
TIR



Antistatic



Durable



Solvent  
resistant



Dimen-  
sionally  
stable



Hardness  
80° ShD



Suitable  
for HD  
Print

**OBSIDIAN PLUS / PREMIUM**

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## DIMENSIONEN

<b>Sleeve length</b>	250 mm – 2850 mm (DIN ISO 2768 T1 m)
<b>Print repeat</b>	Up to 2100 mm
<b>Wall thickness</b>	1 to 100 mm (bigger sizes on request)

## TECHNICAL DETAILS

<b>Surface</b>	Extremely cut and solvent resistant
<b>Weight</b>	Lightweight construction with different layers
<b>Front sides - PREMIUM</b>	Reinforced and protected on both sides
<b>Surface hardness</b>	80° Shore D (DIN 53505)
<b>TIR / Roundness</b>	<0,020 mm (test cylinder <0,005 mm at 20°C)
<b>Notches (optional)</b>	Drilled through, plastic reinforced, stainless steel- or polyurethane-ring
<b>RFID technology (optional)</b>	Possible from wall thickness > 4,5 mm
<b>Mounting lines (optional)</b>	On demand axial and / or radial
<b>Sleeve service</b>	On request after assessment

## HANDLING & STORAGE

<b>Surface cleaning</b>	Common cleaner based on ethanol or isopropanol
<b>Temperatre resistance</b>	15 – 40°C if used properly
<b>Storage / transport</b>	Upright standing secured against toppling over, avoid frost and overheating
<b>Compressed air supply</b>	6 – 8 bar based on an air volume of 12 l / sec, (87 – 116 psi, 0,42 – 0,56 ft³ / sec) Inner diameter air supply: >=10 mm

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