

OBSIDIAN+

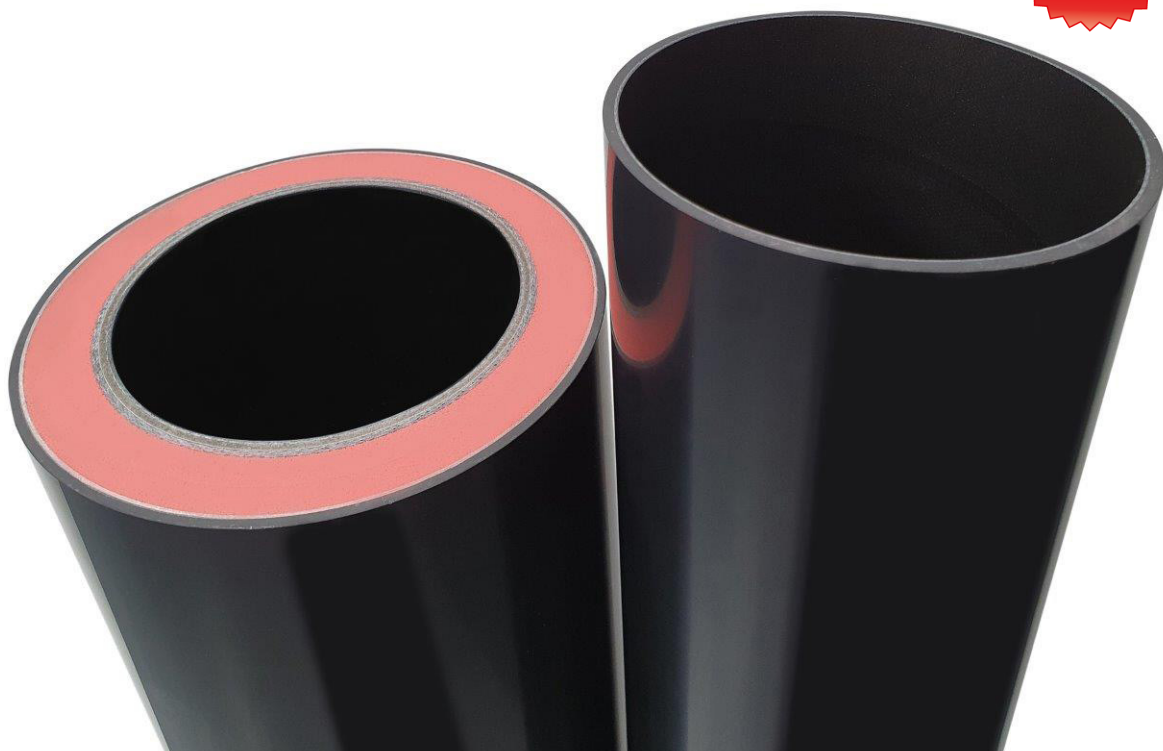
Nanotechnology makes it possible!

PROPERTIES AND PRODUCT DESCRIPTION

Printing sleeves designed for use with solvent-based inks with a brand new innovative surface.

- Outstanding solvent, scratch and cut resistance.
- Lightweight – inexpensive – intelligent.
- Antistatic product characteristics:
 $<1 \text{ M}\Omega$ electr. resistance
 Z94/9/EG conformable (previous: ATEX 95)

**Made in
GERMANY**



Humidity
Proof



Outstanding
TIR



Antistatic



Durable



Solvent
resistant



Dimen-
sionally
stable



Hardness
80° ShD



Suitable
for HD
Print

Our knowledge
in care of
your print

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SPECIFICATION

DIMENSIONS

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

TECHNICAL DETAILS

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

HANDLING & STORAGE

Surface cleaning	common cleaner based on ethanol or isopropanol
Temperatre resistance	15 – 40°C if used properly
Storage / transport	upright standing secured against toppling over, avoid frost and overheating
Compressed air supply	6 – 8 bar based on an air volume of 12 l / sec, (87 – 116 psi, 0,42 – 0,56 ft ³ / sec) Inner diameter air supply: >=10 mm

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