

P O L Y W E S T

SLEEVE SYSTEMS

Polyflex®  **ONYX**

 **ONYX - Solid**

cutting proofed - conductive - solvent resistant

With our new future-oriented product family **ONYX** we set the new benchmark for handling and operational safety.

ONYX is designed for every air - mandrel size and can be characterised by its good mounting behaviour.

The sleeves of this family are equipped with the new developed surface **Solid**.

- ✓ **cutting proofed**
- ✓ **conductive**
- ✓ **solvent resistant**

These three features describe the optimised sleeve with its innovative surface.

- With the new electroconductive material the sleeve loses its leak resistor of at least $R \leq 10^6 \Omega$ at no time, also during the cleaning process.
- It prevents from the danger of a machine fire and increases security in your plant.
- The instructions of ATEX 95 in reference to electrostatic conductivity are fulfilled.
- The new thick - walled conductive layer additional attends the claim of a cutting proofed surface.

We can also retrofit existing sleeves with our Solid surface.

As usually - with fast service and short delivery time.

 **ONYX – The sum of experience.**

www.polywest.de

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Data sheet: Polyflex® ONYX Solid

Technical Dates

Dimensions

Wall thickness 1 till 72 mm

Design

Colour of surface: black

Hardness of surface: 80° shore D (DIN 53505)

Electrostatic derivative by means of three spring balls in the sleeve over the air cylinder to the grounded printing machine, starting with a wall thickness of 3,077 mm.

From the wall thickness of 1 mm till 3,077 mm the sleeve provides with a conductive basis sleeve and directly up-proportioned the new innovative surface.

Advantages

The new innovative surface is more cutting resistant, resistant to common inks and solvents (e.g. Acetone, Methylethylketon) and derives at each time electrostatically, as well during cleaning. The specified construction enabled high quality printing results without axial vibration stripes due to sleeve. Adhesion of different tape types on this surface is very good (e.g. Lohmann, Tesa, 3M).

Application area

This product is developed especially for solvent printing inks, if customers preferred the harder surface and they print with UV- or water based inks, then they can use also this product.

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