

POLYWEST

SLEEVE SYSTEMS

One system –
Individual
solutions



ADAPTERS
universal
light
smooth running

ADAPTERS

In flexo printing there are two solutions for covering differences in repeat: on the one hand built-up sleeves with the necessary wall thickness and adapters on the other. Adapters enable the printer to bridge large differences in circumference where standard built-up sleeves reach their limitations. Once these reach a certain wall thickness they lose some of their positive attributes. Adapters have an additional weight advantage over thick walled sleeves making them easier to handle.

Adapters use the air cushion principle, i.e. they need some form of air supply to be mounted or dismounted. There are clearly defined parameters for this that need to be followed. The plate sleeves can then be mounted on the adapters as if these were air support cylinders.

All POLYWEST adapters are conductive (in accordance with ATEX 95) as a matter of principle and are characterised by their light weight, stability and rigidity. The robust surfaces can cope with repeated sleeve changes and allow sleeves to be mounted with ease. POLYWEST adapters are manufactured with high precision as regards concentricity and are designed in such a way that sleeve and adapter are prevented from rotating relative to each other.

STANDARD-ADAPTER

The POLYWEST STANDARD-ADAPTER is ideal as a mounting adapter and can be used in the printing press as well. It can be combined with nearly all types of sleeves available.

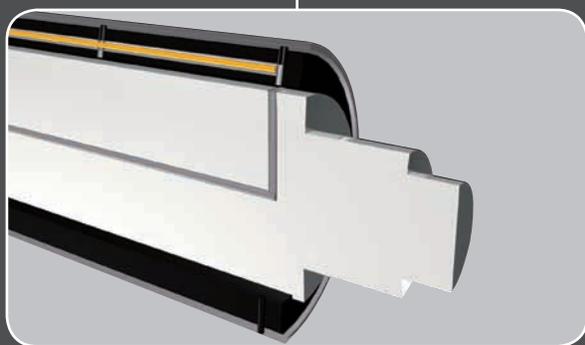


P O L Y W E S T

SLEEVE SYSTEMS

SOFT-ADAPTER

POLYWEST's SOFT-ADAPTER with its tried and tested SOFTCOAT surface is exceptionally well suited to thin sleeve technology, particularly when it comes to seamless print forms (up to 4 mm wall thickness).

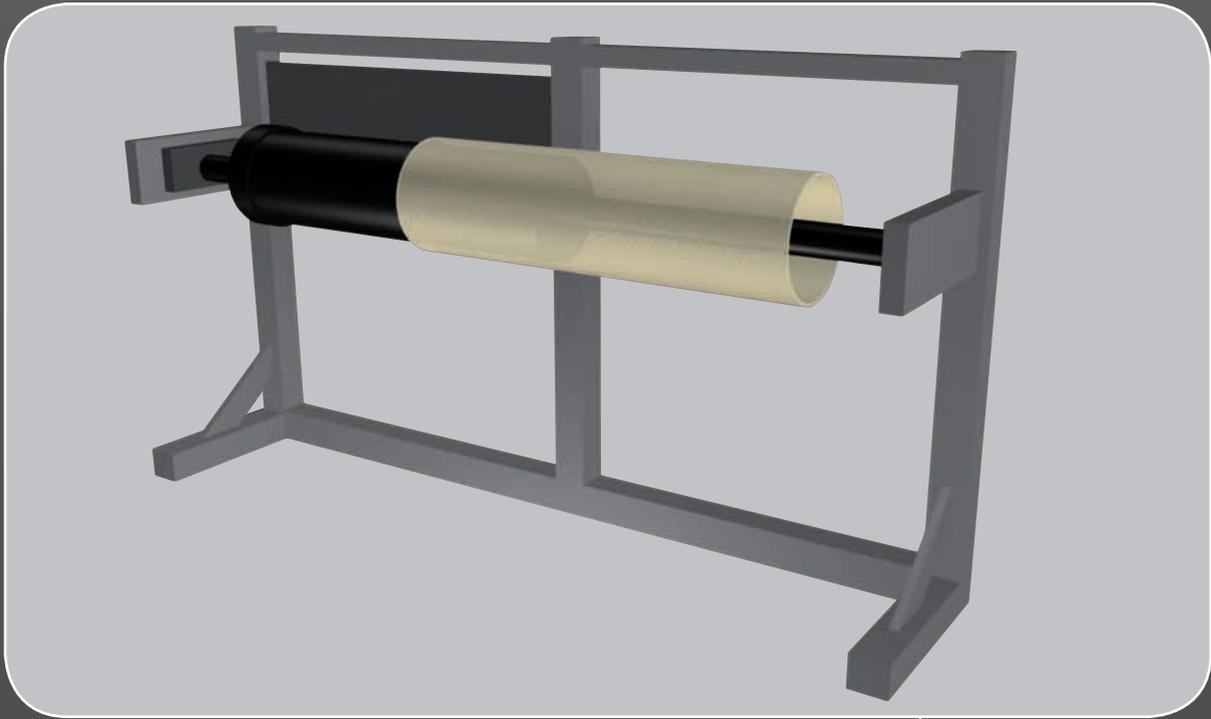


HSA (HYBRID-SLEEVE-ADAPTER)

The POLYWEST HYBRID-SLEEVE-ADAPTER (HSA) – a perfect combination of fibre glass and carbon fibres – is the ideal alternative to hydraulic clamping systems. The HSA achieves the positive characteristics of a Carbon Fibre Adapter (CFK) made solely out of carbon fibres yet at the same time it is considerably less expensive and easier to handle. Its print characteristics are excellent, it is extremely resistant to harmonics and absorbs vibrations.

P O L Y W E S T

S L E E V E S Y S T E M S



SPACER

The POLYWEST SPACER is no ordinary adapter, rather it can be mounted with a thin sleeve and used like a normal plate sleeve in the press.

The thin sleeve is mounted onto the SPACER outside the press using the SPACER-MOUNTER. Following

this, the SPACER together with its thin sleeve can now be mounted in turn on an air support cylinder or CFK Adapter, just the same as any standard sleeve, without regard to the position of the air holes around the air support cylinder.

At a glance

	STANDARD-ADAPTER	SOFT-ADAPTER	HSA (HYBRID-SLEEVE-ADAPTER)	SPACER
Application	for nearly all standard plate mounting sleeves	thin sleeves up to 4 mm wall thickness	for nearly all standard plate mounting sleeves	thin sleeves up to 4 mm wall thickness
Wall thickness	1.5 mm – 72 mm	4.5 mm – 25 mm	1.5 mm – 150 mm	14 mm – 72 mm
Surface	- SOLID	- SOFTCOAT: medium - SOFTCOAT: soft and firm (optional)	- CFK	- SOFTCOAT: medium - SOFTCOAT: soft and firm (optional) - SOLID (optional)
Air supply	Depending on model: - via air cylinder - via press (drive side) - via air connection (operator side)	- via air cylinder - CFK-Adapter	Depending on model: - via air cylinder - via press (drive side) - via air connection (operator side)	- external via SPACER-MOUNTER
Air holes	radial and axial	radial	radial and axial	radial
Conductive (according to ATEX 95)	yes	yes	yes	yes
Tolerances	analogous to sleeves	analogous to sleeves	analogous to air cylinder	analogous to sleeves

POLYWEST

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Our world turns around Flexo

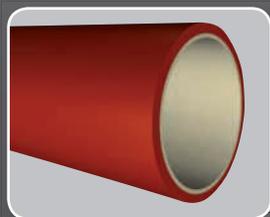
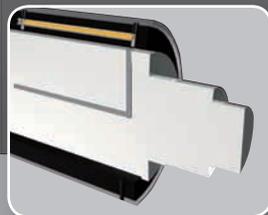


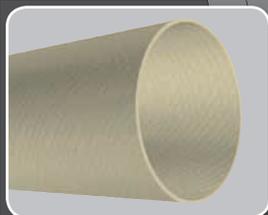
plate mounting sleeves



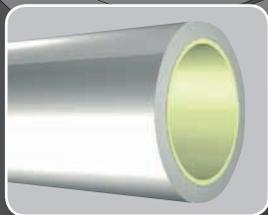
adapters



direct-engraving sleeves



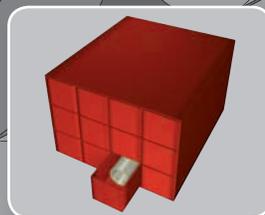
Rubberbase



Polybase



service



equipment

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