

POLYBRIDGE ADAPTER FOR SPECIAL APPLICATIONS

PRODUCT DESCRIPTION

As one of the leading companies, Polywest offers sleeve and adapter solutions for flexographic printing. We have been active for our customers worldwide with products „Made in Germany“ for over 30 years. We have continuously expanded our product portfolio and further developed it according to the wishes and needs of our customers.

With the POLYBRIDGE adapters, Polywest offers a product series of high-quality adapters for special areas of application. POLYBRIDGE SOFT the adapter with compressible Softcoat surface especially for thin and classic ITR Sleeves. POLYBRIDGE MOUNT the first-class and durable mounting adapter is the master of your plate mounting department. POLYBRIDGE LASER proven and with a durable Rubin-surface or simply put: the favorite of your prepress department.

PROPERTIES

POLYBRIDGE adapters

- Proven for years, tried and tested a thousand times.
- Application-optimized Polywest construction.
- Products for special usage.
- Time-tested combination of different composite materials.
- For optimal performance in long-term use.
- Available with all common air systems.
- Optionally available: Silent Flow technology.
- Repair service.
- POLYBRIDGE - As unique as your requirements.



POLYBRIDGE

TYPES

POLYBRIDGE SOFT - The compressible adapter

- The optimal adapter with a seamless softcoat surface.
- For all commercially available ITR & thin-sleeve surfaces.
- Suitable for thin and classic.
- Compressible surface in of hardness:
 - soft, - medium, - firm
 - 55 - 70 Shore A, possible on request.



Light-weight



Outstanding TIR



Antistatic



Silentflow Optional



Compressible surface



For ITR technology

POLYBRIDGE MOUNT - The master of your plate mounting department.

- The first-class, long-lasting mounting adapter for an attractive price.
- Durable and wear-resistant carbon surface.
- Easy and quick sleeve mounting.
- Optional silent flow technology.



Silentflow Optional



CFK



Light-weight



Antistatic



Dimensionally stable

POLYBRIDGE LASER - The favorite of your prepress department.

- With the construction of the proven POLYWEST adapter technology.
- Optimal runout at high turning speeds.
- Laser-resistant, modified Rubin-surface.
- Optional silent flow technology.



Light-weight



Outstanding TIR



Dimensionally stable



Silentflow Optional



Laser-resistant surface



2/3

POLYBRIDGE

SPECIFICATION

DIMENSIONS

Length	250 mm – 2850 mm (DIN ISO 2768 T1 m)
Format length	up to 2100 mm
all thickness	MOUNT: 5,0 - 150 mm LASER: 5,5 - 100 mm SOFT: 4,7 - 50 mm

Special sizes on request.

TECHNICAL DETAILS

Weight	Lightweight construction with multiple layers
Front side	MOUNT and SOFT optionally reinforced and protected on both sides LASER reinforced and protected on both sides
Runout tolerance	LASER and SOFT <0.020 mm (test cylinder <0,005 mm at 20°C)
Notches (optional)	plastic-reinforced, stainless steel or polyurethane ring
Air supply	separately / externally or via air cylinder

USE & STORAGE

Surface cleaning	On the chemical basis of ethanol / isopropanol
Temperature resistance	15 – 40°C when used properly
Storage / transport	Standing, secured against falling over, protection against frost and heat. Transport only horizontally in wooden boxes
Compressed air supply	6 – 8 bar with an air volume of 12 l / sec, (87 – 116 psi, 0.42 – 0,56 ft ³ / sec) Inner diameter air supply: >=10 mm