

RUBIN®+ & RUBIN® PREMIUM

PLATE MOUNTING SLEEVES optimal for HD-Flexo printing ...

- ... on basis of the **POLYWEST**-Sleeve-Technology
- ... with the **POLYWEST-RUBIN®**-surface – well-proven and tested in flexo printing
- ... certified for HD-Flexoprinting

PRODUCT PROPERTIES

PRINT CIRCUMFERENCE

- Plate mounting Sleeves for all repeat ranges

PRINTING QUALITY

- a technically advanced well-tested construction for long-term use, guaranteed form stability in parallelism and diameter
- register accuracy with permanent repeatable print parameters
- an excellent solution for HD-Flexo printing

PRACTICAL IMPLEMENTATION

- solid and lightweight structure of the **RUBIN+** Sleeve through stable support construction
- solid and ultra-lightweight structure of the **RUBIN® PREMIUM** Sleeve through stable support construction and extra protected ends
- over many years proven and tested **POLYWEST-RUBIN®**-surface
- possible change of the format length by a new surface rebuild

Inside ring on demand in aluminum or stainless steel

Basic Sleeve

RUBIN® surface

Lightweight construction
RUBIN® PREMIUM
protected hard ends

Lightweight
support construction **RUBIN®+**



RUBIN® + & RUBIN® PREMIUM

PRODUCT DESCRIPTION

PRODUCT PROPERTIES	PRODUCT DESCRIPTION
Product	Plate mounting Sleeve
Printing method	Flexo printing
Air Cylinder	
- Diameter	60,595 mm up to 595,105 mm
- STORK-Type	210 up to 1890
Dimensions	
- Print width (Sleeve length)	Min. 300 mm up to 2.835 mm
- Format length	Up to 2.100 mm
- Wall thickness	1 mm up to 150 mm
Construction	Multi-layer construction with additional form stabilising structure
Premium sleeve ends	Both sides reinforced
Surface	ONYX® electrostatically conductive Fulfil the guide lines set out under 94/9/E6 (former ATEX 95)
Tools for safe cutting	POLYWEST cutmaster and circular knife
Printing inks	Solvent based inks, water-based inks or UV inks
Use of adhesive tapes	Useable for all products available on the market
Technical description	
- External diameter tolerance	+/- 0,02 mm
- Weight	Multi-layer build-up for weight reduction
- Length tolerance	DIN ISO 2768 T1 m
- Dielectric permittivity	Fulfil the guide lines set out under BG-Test Certificat based on DIN 53489, DIN IEC 60093 and ISO 554
- Form and position variance	DIN ISO 2768-mk
- Surface hardness	DIN 53505 80° Shore D
- Run-out tolerance	Max. 0,025 mm
- Material	Polyurethane with scratchproof and solvent resistant surface (see product information - www.polywest.de/en -)
- Notch type	Directly milled out, plastic reinforced or included in Alu- resp. stainless steel ring
- RFID CHIP	Smart GPS possible starting from 4,5 mm wall thickness
- Mounting lines	Axial and/or radial mounting lines on request
- Sleeve repair	Based on overall condition of the sleeve (on request additional expert opinion)
- Surface cleaning	Common cleaner based on ethanol or isopropanol
Leakage resistance	
- Volume resistivity	$R < 10^6 \Omega$ (Ohm) based on DIN IEC 60093
Heat resistance	From 0 up to 50 degree Celsius by designated use
Storage/Transport	Upright standing, secured against toppling over Avoiding of impact by frost and overheating

Vers. 1.1 February 2016 - EN

Technical changes and errors excepted. All information in this document is based on our knowledge and experience at the time of the publication of this document. This document does not constitute a legally binding warranty or assurance regarding the different components of our products or suitability for certain applications. Due to the numerous factors which affect the treatment and the use of our products, testing and adjusting our products are incumbent on the user. POLYWEST does not assume any responsibility for compliance with statutory regulations (in particular intellectual property rights and copyright) when using our products. Product names which are branded with ® are protected marks of POLYWEST.