

Dantex Sleeves

Our depth of knowledge and technical expertise is yours for the asking - achieve repeatedly excellent results from your plates. Everything you need plus the best advice and support – Dantex, Plates & More...

Plate Mounting Sleeve Systems

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Dantex Sleeves

Plate Mounting Sleeve Systems

Dantex Sleeve Division

Fast turnaround and short production runs mean the use of sleeves for pre-mounting plates and continuous work is essential; ensuring greater productivity and improved efficiency on press. The Dantex Sleeve Division now manufactures a number of Hard Plate Mounting Sleeves, Anilox Sleeves and Bridge Adaptors with optional air conduction systems. Adhering to strict European standards and manufactured using the latest precision grinding techniques in our purpose built European manufacturing unit, Dantex produces a variety of precision-ground sleeves for a variety of printing applications.

Advantages of Carrier Sleeves

Greater productivity and speed

Carrier Sleeves give greater speed and flexibility by using pre-mounted plates for quick changeovers. These are very effective for short-runs, repeat jobs and design alterations; sleeves can be taken off press and stored with plates mounted on them. Sleeves that serve solely as carrier rolls have imaged plates mounted to sleeves offline, which are then installed onto cylinders at the print station using compressed air to expand the sleeves for positioning.

Universal advantages:

- ~ Very effective for short-runs and repeat jobs.
- ~ Provide excellent lay down of solid and metallic inks.
- ~ Greater productivity and flexibility.

Yielding possibilities for applications such as:

- ~ Shrink Sleeves
- ~ Folding Cartons
- ~ Tissue
- ~ Labels

General Technical Specifications

Various sizes available according to customer specification.

- ~ Maximum Length: 2000 mm
- ~ Maximum Diameter: 400 mm
- ~ Inner sleeve - fiberglass, Kevlar or Carbon Fiber.
- ~ Wall - polyurethane foam.
- ~ Outer sleeve - polyester composite or aluminium.
- ~ Stainless steel notch and mounting lines (optional).
- ~ Precision Grinding
- ~ TIR \leq 0.025mm
- ~ Face Length Tolerance
- ~ DIN ISO 2768 T1C

Product Availability:

Dantex sleeve products are available in a variety of different types for most applications. All Dantex Sleeves are manufactured to order and many popular press mandrel types and sizes are kept in stock. Delivery is typically 4 weeks from receipt of order. For professional consultation and advice on which is the most suitable sleeve type for your particular application please consult your local Dantex representative.



Basic Sleeve

General Use - Non-coated

Ideal for rubber or photopolymer covering.
Wall thickness from: 0.6 mm to 1.6 mm



Bridge Sleeve

Adapters

Bridge Adapters for most applications and cylinders.



Solid Sleeve - Thin

Precision

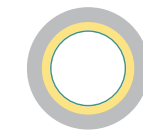
A high-precision fiberglass sleeve -
Ideal for stocking repetitive prints.
Wall thickness from: 0.6 mm to 2.5 mm



Solid Sleeve - Thick

Precision

Wall thickness from: 3 mm to 100 mm



Anilox Sleeve

Aluminium Surface

For ceramic plasma coating and laser-engraving by any anilox manufacturer. It has a special sandwich construction with elastic fibreglass insert sleeve and aluminium surface.



Lightweight, durable, easy-to-handle - Dantex Sleeves

Product Types:

Basic Sleeve – Non-coated

Durable fibreglass sleeve for rubber and photopolymer coating applications. **Available wall thickness from 0.6mm to 1.6mm.**

Key Features:

- ~ Lightweight yet dimensionally stable
- ~ Multi-layer resin and fibreglass
- ~ Rough outer surface allows excellent bonding
- ~ Can be combined with various bridge adapters

Solid Sleeve - Thin

A high precision, non-compressible fibreglass sleeve for conventional plate mounting with adhesive tape. Can be used for label and flexible packaging applications and combined with various bridge adapters. Inner sleeves are made from a combination of Fibreglass and High Density Foam expertly bonded with Elastic Cellulose-based resins, which allow increased flexibility yet maintain dimensional rigidity. **Available wall thickness from 0.6mm to 2.5mm.**

Key Features:

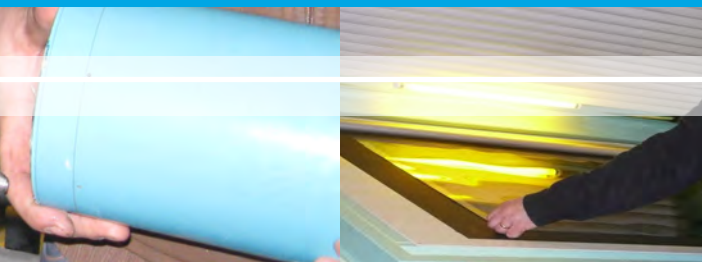
- ~ Lightweight with long lasting durability
- ~ Easy tape dismounting
- ~ Notch between fibreglass layer for extra durability
- ~ Repeat length up to 600m
- ~ Stainless steel notch and mounting lines (optional)
- ~ Unique scratch-resistant gel coat

Solid Sleeve - Thick

A fibreglass sleeve coated in multi-layer Ultra Light Polyurethane foam for excellent dimensional stability; primarily for use in label and flexible packaging applications. **Available wall thickness from 3mm to 100mm.**

Key Features:

- ~ High dimensional stability
- ~ Excellent register accuracy
- ~ Easy adhesive tape dismounting
- ~ Notch mounted between fibreglass layer for extra durability
- ~ Repeat Length up to 1200mm
- ~ Stainless steel notch and mounting lines as an option
- ~ Low weight for easy handling



Dantex

Flexo Plate Mounting



Your Sleeve Specifications

Ordering and Measurement Criteria

Dantex sleeves are manufactured to the highest specification using the latest precision grinding techniques. When making your sleeve specification it is important therefore that strict measurement criteria are adhered to. To ensure complete accuracy when ordering a set of Dantex Sleeves please specify the following information:

- ~ Number of sleeves required
- ~ Sleeve length
- ~ Inner Diameter – or International Stork Reference
- ~ Print length – (circumference)
- ~ Plate thickness used
- ~ Tape thickness used
- ~ Notch specification
- ~ Line Marking

We can then calculate the best sleeve specifications for your application and guaranteed print results.

Dantex Plates and more...

Dantex is the largest distributor in Europe of letterpress photopolymer plates and processing equipment and has over 40 years experience in the field of Flexographic product supplies. We are a specialist supplier of water wash photopolymer plates, processors and pressroom solutions.

We work directly with our customers to find out what they need to achieve repeatedly excellent results from their plates; for a full consultation and appraisal on the most suitable sleeves for your application. Because we have a strong R&D based philosophy and commitment to continuous improvement, Dantex is fast becoming Europe's leading supplier of sleeve technology.

We are experienced in working with industry leading companies and offer the best materials to meet our customers' needs. Whether you need plates, tapes, sleeves or electronic systems, Dantex can meet all your pre-press requirements.

[Dantex - Plates & More...](#)

DANTEX
Plates & more

Bridge Adapters

Dantex manufactures a number of Bridge Adapters for most applications and cylinders. Our adapters can be manufactured with compressed air-conduction channels for the easy securing of printing sleeves.

Key Features:

- ~ Unique air-conduction channels for optimum air flow
- ~ Interlock notch system, works with any sleeve
- ~ Cost saving due to reduced wall thickness of sleeve
- ~ Low weight

ANISLEEVE - Anilox Sleeves

The ANISLEEVE is a precision ground anilox roll jacket. Its unique construction uses lightweight fibreglass, pressure bonded with an Aluminium surface allows for efficient Ceramic Plasma coating and laser engraving by any anilox manufacturer.

Key Features:

- ~ High grade aluminium for durability.
- ~ Lightweight construction, accurate to industry standard tolerances.

For further information on our Sleeve Product types or any other product in our range please contact your local Dantex representative or visit us at www.dantex.com