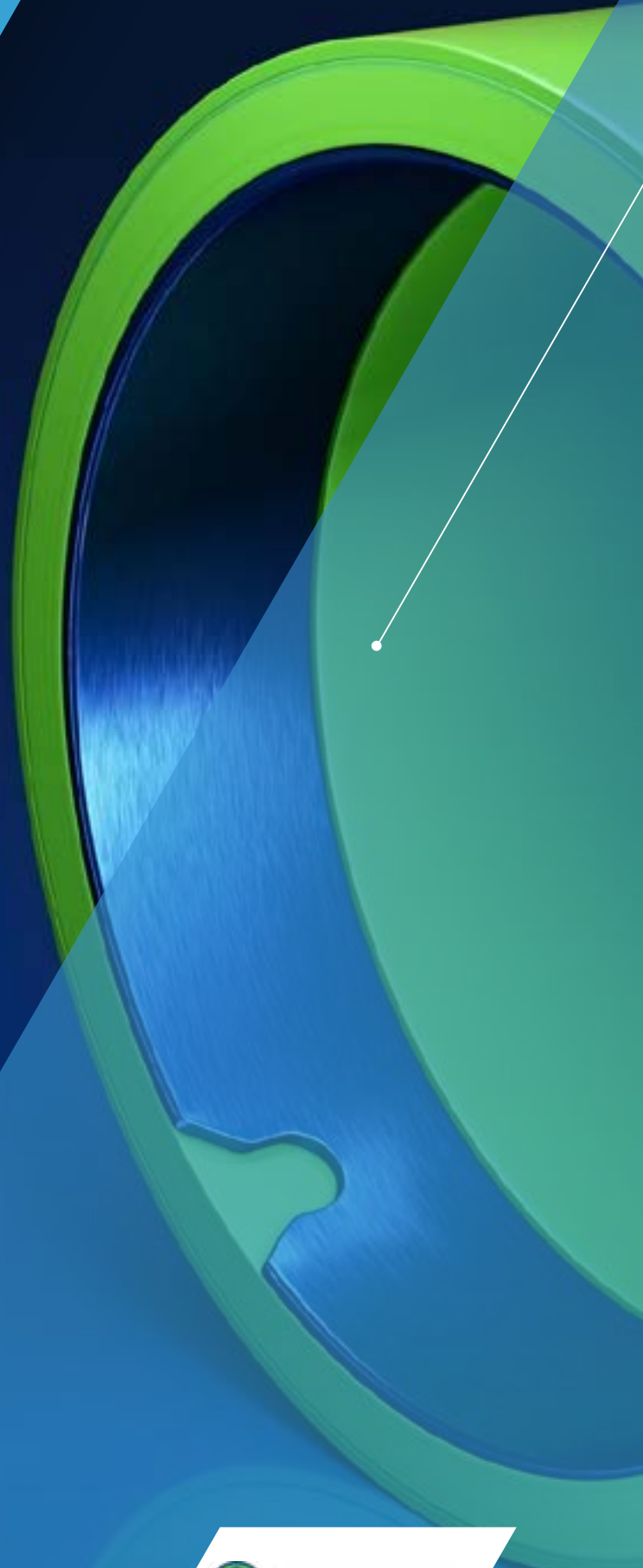
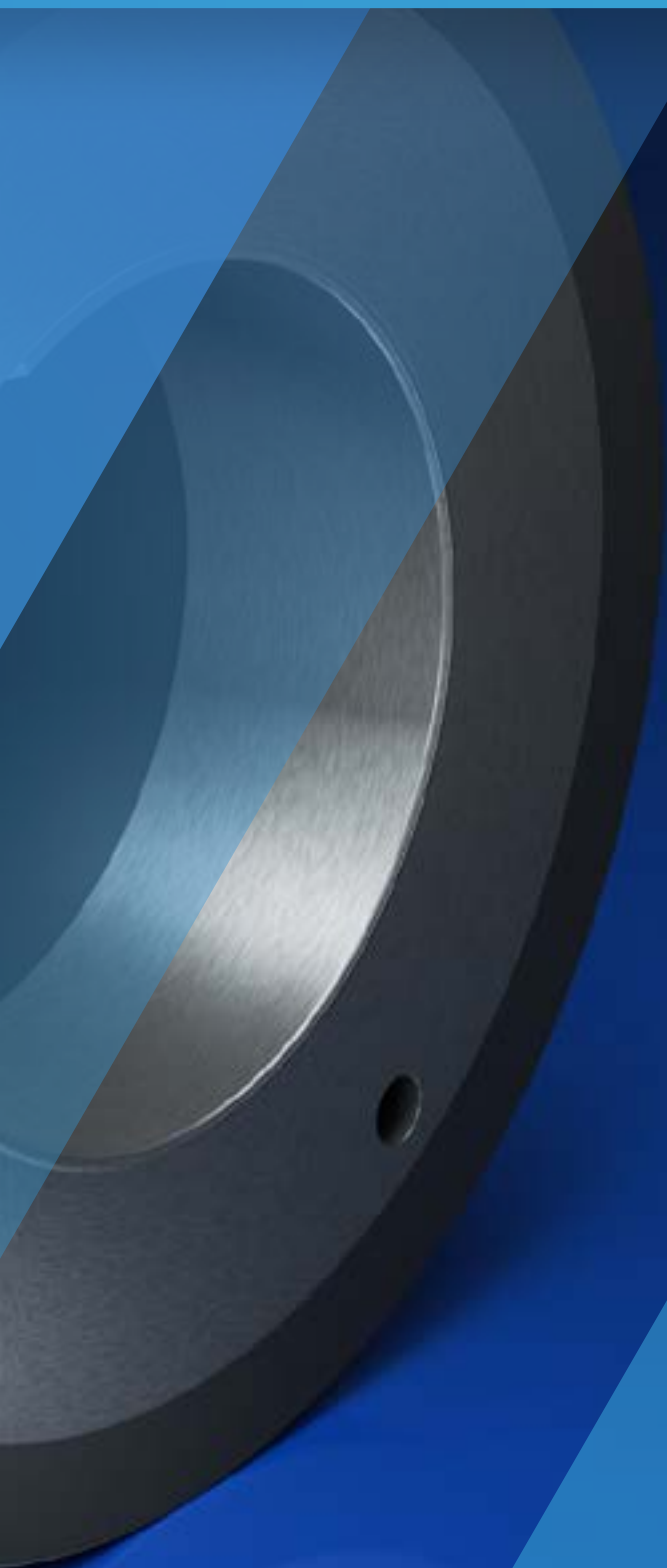




Sleeves & Bridges



TECH SLEEVES

Introduction of sleeves & bridges

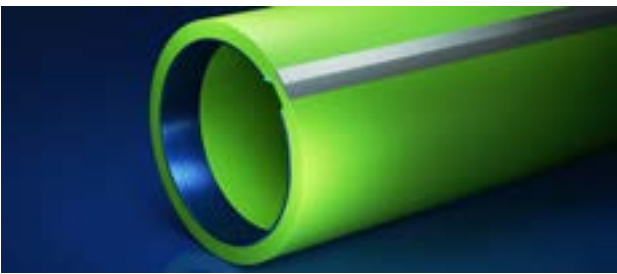


At **Tech Sleeves®**, we manufacture composite printing sleeves and bridges (adapters) for the global flexographic industry. By using the highest quality of materials, we ensure durability, consistency and dimensional stability.

The core of our sleeves and bridges are built using 2-component vinyl-ester epoxy resin combined with Spherecore and Dyneema®. This leads to an ultra-high strength composite core that guarantees form stability and ensures resistance to bouncing. **Tech Sleeves®** and **Tech Bridges®** are qualified for high printing speed of up to 800m/min, or 2,624 ft/min.

In addition to these high quality materials, Tech Sleeves® also offers additional features like sealed ends, the full inner metal ring, the metal cutting line and an outer metal ring to increase the sleeve and bridge lifetime. RFID chips and magnets can be added to both sleeves and bridges on request.

Tech Sleeves® offers a variety of sleeves and bridges depending on the needs of the customers.



Tech Sleeves®

Tech Sleeves® are available in 3 different versions:

Tech Bridges®

Due to its application, Tech Bridge® is only available in our most advanced version:

Tech®

Tech® Pro+

Tech®Pro

Tech® Pro+



TECH SLEEVES

Tech Sleeve® Thin



Description

Tech Sleeves® Thin is perfect for applications when the outer diameter for printing is almost the same size or just slightly bigger than the printing cylinder. The high quality materials used to build the Tech Sleeve® Thin ensure durability, consistency and dimensional stability.

Cross-section

1

Dyneema® Layer

- Flexible and expandable innermost core. (1 mm)
- Contains Dyneema® that offers maximum strength with minimum weight.
- Dyneema® doesn't fray and is up to 40% stronger than aramid fibers such as Kevlar®.
- Prevents slipping of the sleeve on the mandrel.
- Extremely durable and resistant to moisture, UV light and chemicals.

2

Infused thin layer

- The Dyneema® layer is infused with Epoxy Vinyl-Ester-Resin.
- Light weight with extreme high flexural strength and form stability.
- Ultra-high-strength composite core reduces bouncing at high speed.
- High chemical and temperature resistance with excellent tape mount and demount properties.

