

Innovation in the flexographic industry

Tech Sleeves leads the way to an innovative sleeve for the flexographic industry!

Netherlands, - *Within the flexographic industry there are a few producers of Bridge and Plate Sleeves. Since 2015 a new company, named Tech Sleeves, has entered the market. Ronald van der Meer, former AKL, is general manager and together with a fresh and dedicated sales team he will introduce high quality sleeves to the market. Their products are made out of high quality raw materials such as Vinyl Ester Resin, Dyneema® and Carbon.*

They are ready to serve the worldwide demand of high quality sleeves where companies can rely on great service and delivery times.

Tech Sleeves has more than 25 years of experience due to the fact that Ronald van de Meer is responsible for the production of the Tech Bridge® and Plate Sleeves. Ronald van de Meer is one of the pioneers within the (development of) Bridge and Plate Sleeve business. He is convinced that by using different raw materials Tech Sleeves is able to prevent common problems press companies have nowadays.

“In the Bridge and Plate Sleeve business I have experienced the common errors such as shattering of fibreglass rovings, bouncing and deformation. By using the highest quality raw materials which have great properties we are able to prevent these common errors.” Ronald van de Meer General Manager Tech Sleeves

Besides the years of experience at the production side, Tech Sleeves, has a fresh and dedicated sales team. With a global network of trusted partners Tech Sleeves is ready to meet the worldwide demand for Bridge and Plate sleeves.

Tech Sleeves differs itself by using high quality raw materials. The cross section below shows the different kinds of layers from which the Tech Sleeves® and Tech Bridges® are constructed. Each layer consists of different materials with certain properties.

1) 1 mm - Flexible and expandable Inner sleeve

Contains **Dyneema®** that is offering maximum strength combined with minimum weight. It is up to 40% stronger than aramid fibres such as Kevlar®. **Dyneema®** fibre is extremely durable and resistant to moisture, UV light and chemicals.

2) 1 mm - Compressible pre-compressed Foam Layer

The Foam layer has high rebound resilience and is up to 50% compressible without bulging. Resistant to permanent deformation, good abrasion resistance, resistance to aging, weathering and cleaning solvents used for polymer plate cleaning.

3) Stitch, Bonded and Compressed Core Material in various thicknesses

Contains a filament fibre base which is volumized by thermoplastic micro balloons. Light weight with extreme high flexural strength and form stability.

4) 2 mm - Outer Surface Layer

Contains Epoxy Vinyl-Ester-Resin reinforced with technical filaments and polyester fleece. High chemical and temperature resistance with excellent tape mount and demount properties.

5) Compressible surface layer (Tech Sleeve® Soft & Tech Bridge® Soft)

The compressible surface layer (40, 50 or 60 ShA) consists of cellular, water crossed-linked foamed polyurethane.

CROSS SECTION

1 1 mm - Flexible and expandable Inner sleeve

Contains Dyneema® (www.dyneema.com) that is offering maximum strength combined with minimum weight. It is up to 40% stronger than aramid fibres such as Kevlar®. Dyneema® fibre is extremely durable and resistant to moisture, UV light and chemicals.

2 1 mm - Compressible pre-compressed Foam Layer

The Foam layer has high rebound resilience and is up to 50% compressible without bulging. Resistant to permanent deformation, good abrasion resistance, resistance to aging, weathering and cleaning solvents used for polymer plate cleaning.

3 Stitch, Bonded and Compressed Core Material in various thicknesses

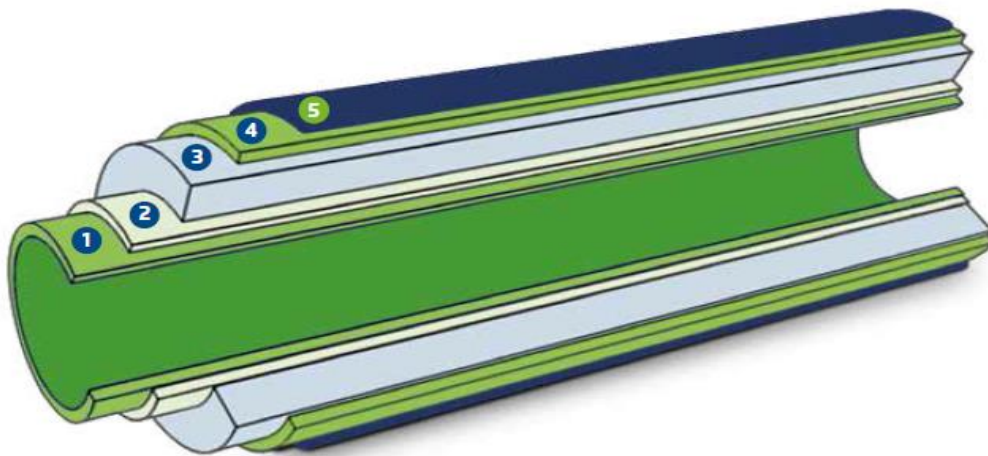
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From left to right: Maurits de Gou, Jitteke van 't Hek, Sandra Grote and Ronald van der Meer

Note for the redaction

About Tech Sleeves

Tech Sleeves offers Bridge and Plate Sleeves for the global flexographic printing industry. With more than 25 years of experience and more than 40+ representatives we offer you worldwide customized sleeve solutions. Ronald van de Meer, General Manager of Tech Sleeves and former AKL brought his expertise and experience into the company. He developed a new structured sleeve that distinguishes Tech Sleeves from competitors. Due to new materials the sleeve is lighter, stronger and more sustainable than ever before. Also we can deliver the Sleeves with a composite reinforced registration slots and a full metal rings with slot instead of metal or brass inserts.

Tech Sleeves has a worldwide network and can guarantee high quality, good service and quick delivery times that customers deserve.

Contact and more information

For more information you can contact via telephone: 0031 172 503611 or email: info@tech-sleeves.com or via our website www.tech-sleeves.com