

Precision idle rolls

central drums
heated/cooled rolls

precision idle rolls

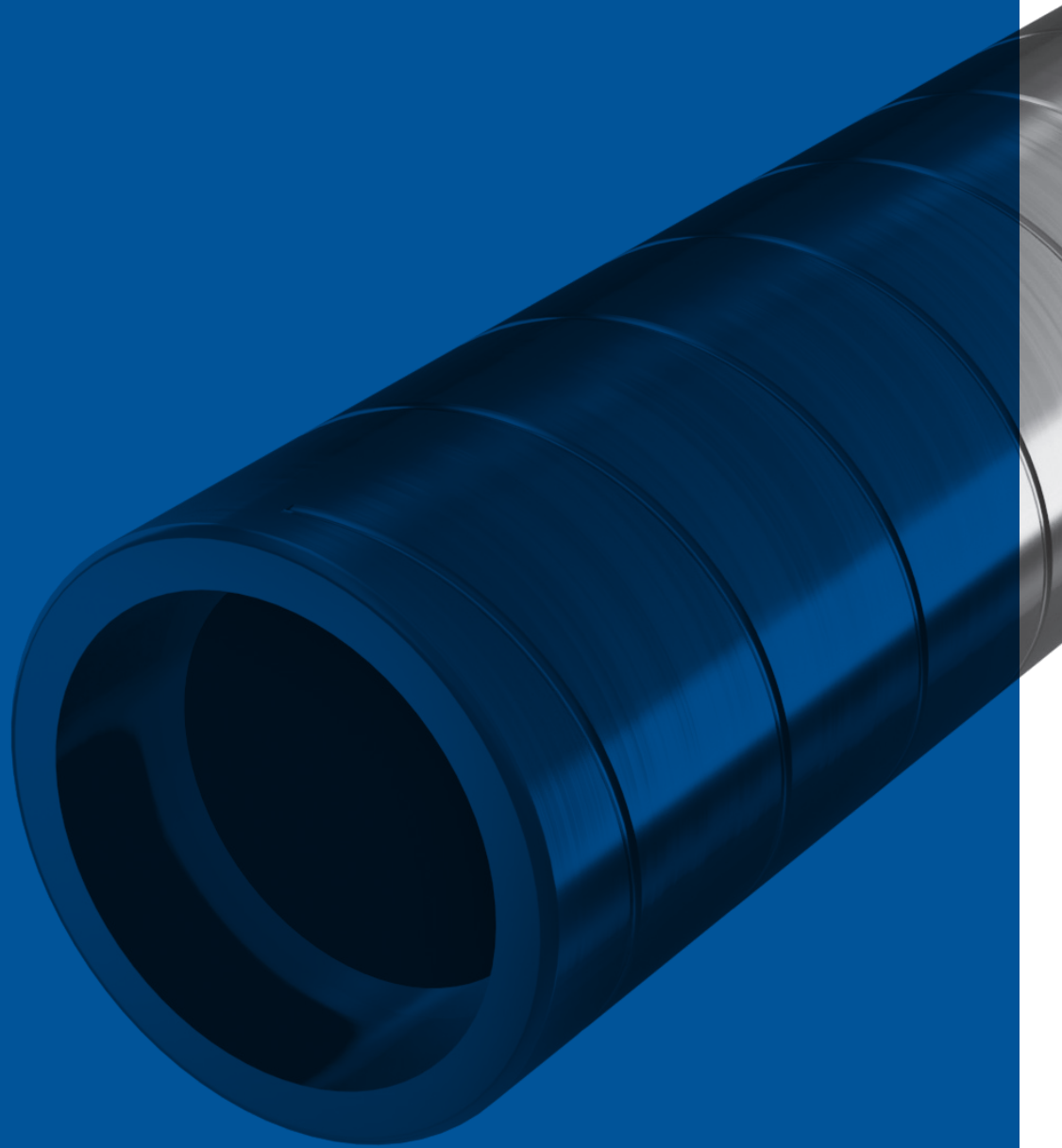
air mandrels

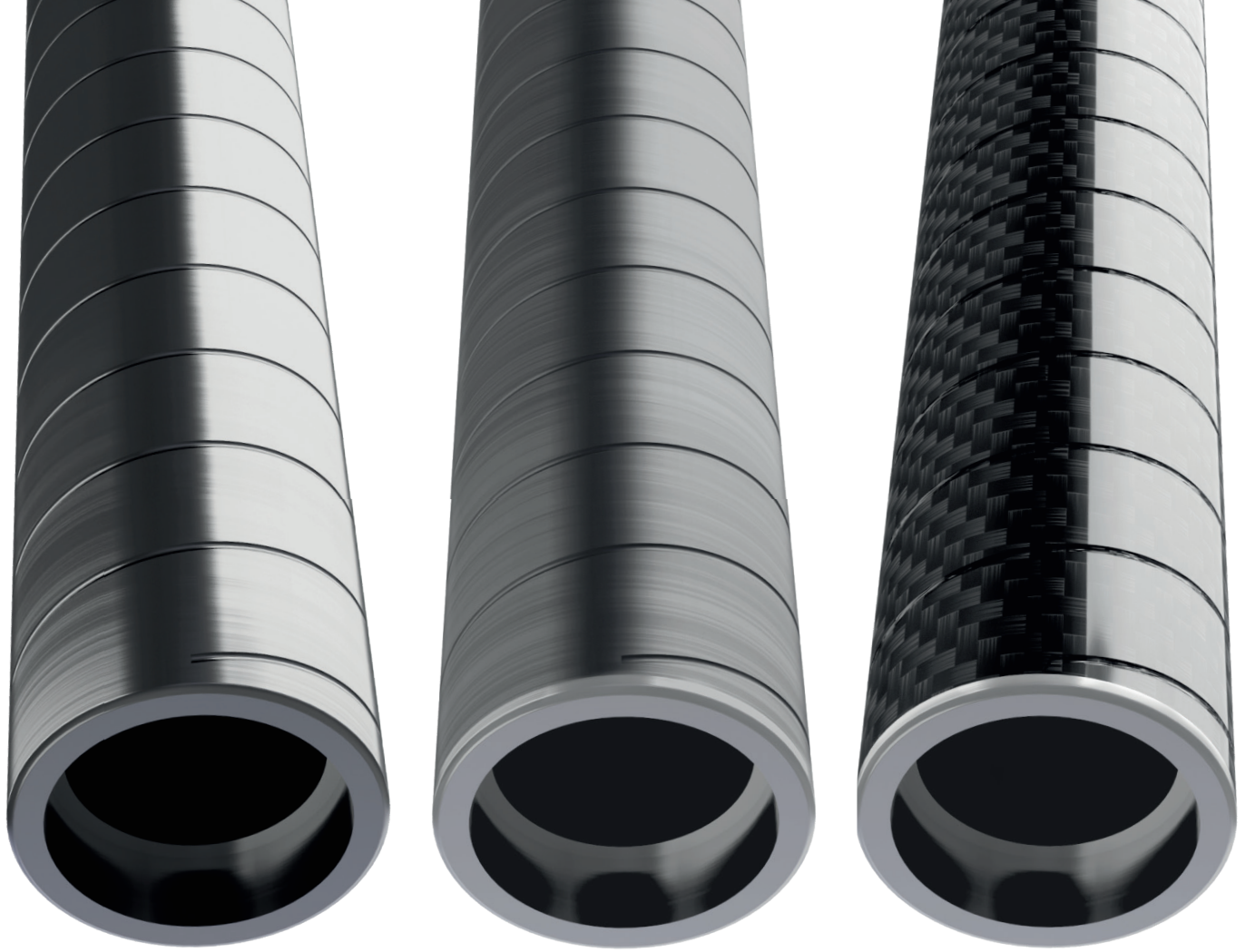
anilox sleeves

cliché sleeves

adapters

bases for rubber/rubber rolls





Precision idle rolls

Precision idle rolls constitute a major share of Pam Rollers Factory's cylinder production. Over the years, numerous types and variations have been developed, intended for use in a variety of industries and with a multitude of functional uses. The industrial use of precision idle rolls is so widespread that it is used in numerous industrial processes, from printing to plastic extrusion to textiles. They can be made of aluminium, steel or carbon fiber. As for surface treatments of aluminium and steel, we can provide chrome plating, Teflon plating, rubber and plasma coatings. Anodising is feasible only on aluminium. Plasma coating is also possible on idle rolls made of carbon fiber. Surfaces can be smooth or spiralled, cross-spiralled or centre-started. Available diameter sizes range from 20 mm to 1800 mm, with a maximum turning length of 12,000 mm.

APPLICATIONS

- Flexographics
- Rotogravure
- Converting
- Offset
- Plastic Sector
- Extrusion
- Textile
- Others

DIMENSIONS

- Diameters from 20 to 1800 mm
- Maximum grinding up to 9500 mm
- Maximum turning length of 12,000 mm

SURFACE

- Crossed spirals (1-100 principals - roller engraving)
- Spirals starting from the centre (1-100 principals)

MATERIAL

- Carbon fiber

Finishes

- Plasma coating

- Aluminium

Finishes

- Normal
- Oxidation
- Teflon plating
- Rubber plating
- Chrome plating
- Plasma coating

- Steel

Finishes

- Normal
- Chrome plating
- Rubber coating
- Teflon plating
- Plasma coating