

GlassFibre rotoSLEEVE

ROTOMETAL
we are for print

Quality built layer by layer

rotoSLEEVES by Rotometal are a new generation of ultra-light printing cylinders. Manufactured using composite production techniques, these sleeves can be made from pure composite material or a composite with an aluminum layer. This allows for the incorporation of various materials like PET, polyurethane, polyester, or highly durable epoxy resins.

Facts

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Weight Reduction: rotoSLEEVES achieve reduced weight by utilizing lightweight composite materials and incorporating honeycomb or PU foam volume layers. This innovative construction not only makes the product easier to handle and transport but also contributes to potential reductions in carbon emissions during shipping.
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Enhanced Performance: The combination of a high thermal resistance base layer, a resilient Vulkollan compensating layer, and a high-hardness glass fiber external layer in rotoSLEEVES provides exceptional performance benefits. These materials work together to ensure excellent dimensional stability, effectively absorb vibrations, and demonstrate resistance to solvents commonly used in printing (when ordering rotoSLEEVE Antistatic). This robust construction guarantees a long-lasting and high-quality product.
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Substrate Compatibility: rotoSLEEVES are designed to be compatible with a wide range of substrates, including PE, PP, PVC, and paper. This versatility allows for greater flexibility in printing applications and reduces the need for multiple products, streamlining the printing process.
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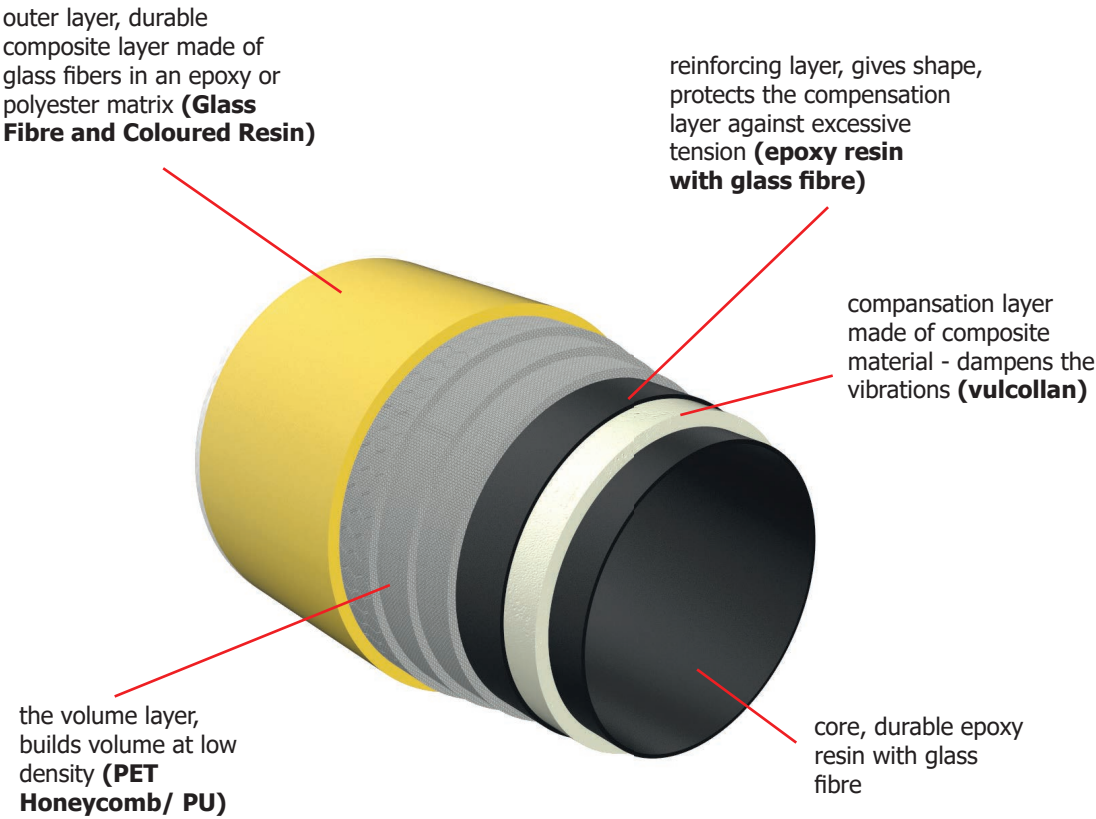
Guaranteed Lifespan and Performance: rotoSLEEVES are backed by a 3-year lifespan based on 6,240 hours of operation. This commitment to durability ensures a reliable and long-lasting solution for printing needs. Additionally, the consistent delivery of superior printing performance, as validated by DFTA results, further reinforces the value and quality of rotoSLEEVES.



Technical information

Inner diameter	STORK list
Max. printing repeat	950 mm
Max. width	1600 mm
Max. axial runout accuracy	+/- 0.02mm

Key Components:



Properties:

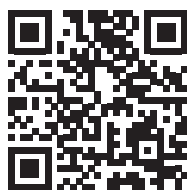
- ➔ Assembly line with lock-in axis or shifted by 90°, 180°
- ➔ Hardness 70-80ShD
- ➔ Working pressure 4-8 bar.
- ➔ Resistant to most solvents



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