

rotec[®] Lightweight Sleeve

**100% Quality with up to
40% reduction in weight**

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Flexographic Products

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Market requirements



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Market requirements

Increased demands on the printing industry...

- More frequent job changes on press
- Shorter press set-up times needed
- Run lengths for print jobs decline
- Demand for increased equipment efficiency

...also in terms of SHE (safety, health and environmental)

- Maximum weight limits for handling of sleeves
- Accident prevention
- ATEX 95 regulations

Market requirements

Need to be combined with

- Highest quality
- Increased productivity
- Lower print form costs

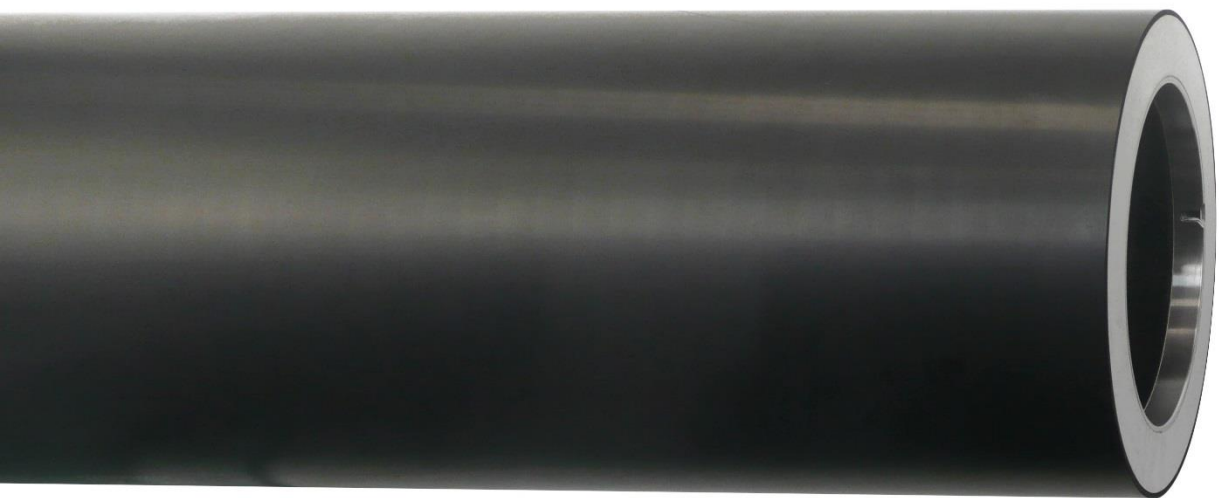
Therefore, innovative and customer oriented solutions are needed!

AVAILABLE NOW!

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rotec[®] Lightweight Sleeve

Plate mounting sleeve for easy handling



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Product Features

Lightweight construction

- Up to 40% weight reduction compared to rotec® Blue Light and other plate mounting sleeves on the market
- Latest development in the sector of polyurethane light foams

“EndPlate” sleeve edge sealing

- Long lasting protection of sleeve build-up against
 - Cleaning liquids
 - Ink residues
 - Humidity
- Protection of proven rotec® compressible glassfibre base
- Made of aluminium – for long service-life



Product Features

Improved mounting characteristics

- Less linear load during sleeve mounting process
- Long lasting protection of inner base

Available with Ω -Surface Technology

- Electrically conductive through inner base, top layer and “EndPlate“

All well known extras are available

- rotec[®] Register Ring, GPS chips & Easy-Reg options, scribe lines, etc.

Overview: rotec® Lightweight Sleeve

Field of application	Mid-web, Wide-web, Pre-Print
Wall thickness	19 mm to 125 mm (Special sizes available on request)
Face length	600 mm to 2,600 mm
Specifications	Outer diameter tolerance +/- 0.02 mm TIR (= total indicated runout) < 0.025 mm (measured on air cylinder at TIR <0,005 mm)
Materials	Extremely durable polyurethane top-layer (75 Shore D) Proven rotec® compressible glassfibre base Innovative, highly stressable polyurethane foam
Adapters	Can be combined with various types of adapter systems
Plate & Tape	Suitable for all plate and tape types and thicknesses
Handling	Scratch- and solvent resistant (if handled correctly – see rotec® User's Advice)

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Field of Application



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Field of Application

Highest performance – it's always worth using a rotec® Lightweight Sleeve starting at a wall thickness of 19 mm!

- Mid-web, wide-web, pre-print
- High repeat steps without intermediate adapter
 - Reduced number of adapters required on press
 - Additional adapter step is not economical
- Fulfilment of safety requirements in terms of max. weight limits

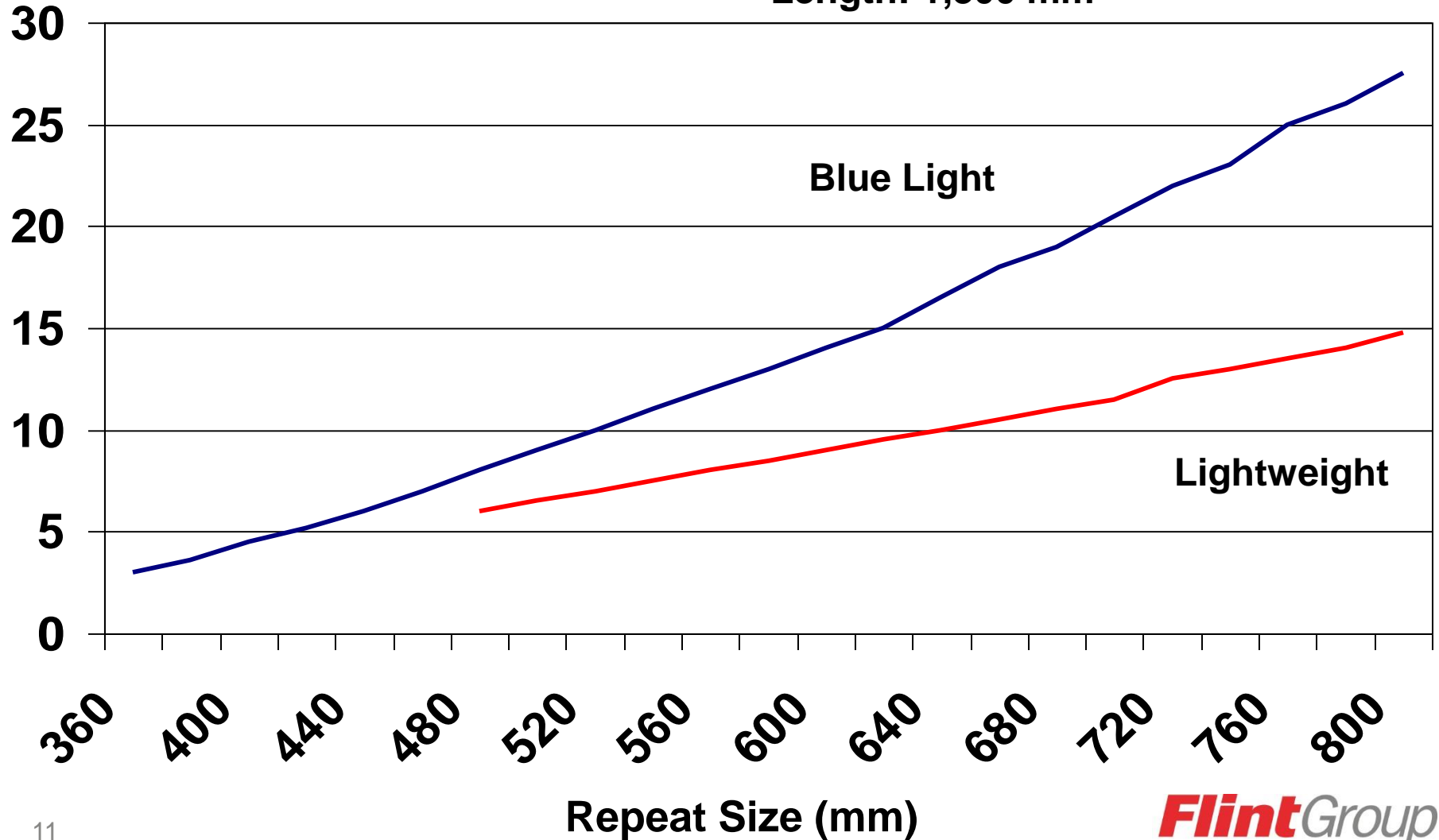


Weight comparison Wide-Web

Air cylinder: 108.342 mm

Length: 1,300 mm

Weight (kg)

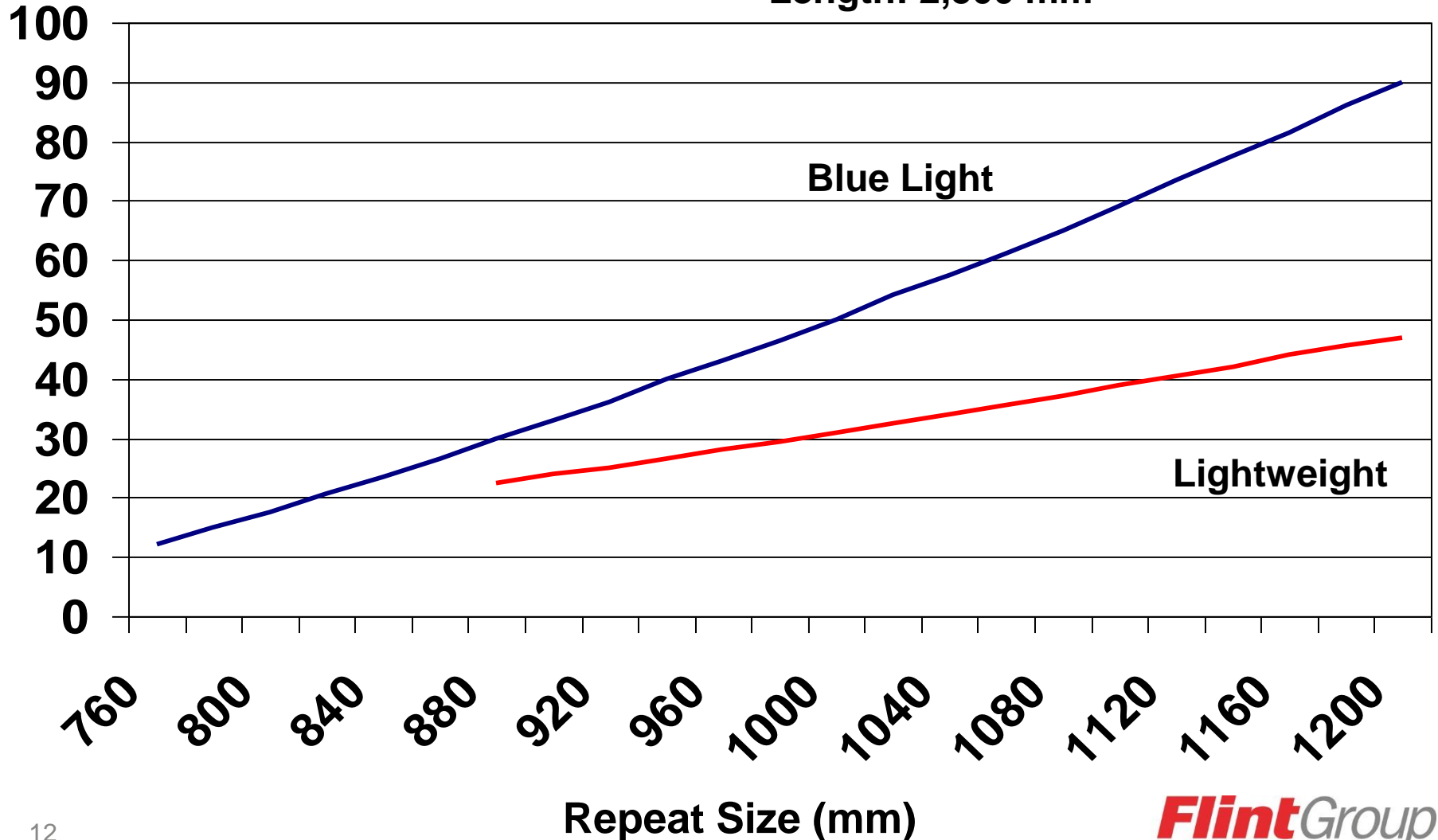


Weight comparison Pre-Print

Air cylinder: 232.482 mm

Length: 2,500 mm

Weight (kg)



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Fast Facts



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Fast Facts

- Comprehensive field testing for 2 years
 - International customer testing
 - Several million meters of printed jobs in daily business
 - Various printing speeds and repeat sizes
- 100% stable diameter and TIR tolerances
- 100% positive customer feedback

Result: Official market launch in February 2016

Rely on us.

Highest thermal resistance and dimensional stability at lower weight – without any compromise in our proven quality.

Where you can find us!



www.flintgrp.com



www.linkedin.com/company/flint-group



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www.youtube.com/user/MyFlintGroup



Flint Group Flexo Toolbox App für iPhone und Android