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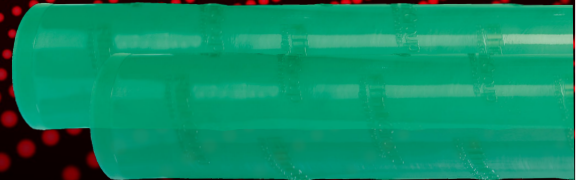
nyloflex[®] ITR Thin nyloflex[®] ITR Classic

**In-The-Round: Endless ready-to-image photopolymer sleeves
with LAMS layer for digital artwork**

Available wall thickness of nyloflex[®] ITR Thin: 1.570 mm (0.087")¹

Available wall thickness of nyloflex[®] ITR Classic: 3.165 mm (0.127")¹

Special wall thicknesses available on request: nyloflex[®] ITR Variable



Compelling printing quality

- + Excellent ink transfer
- + Highest register accuracy
- + Low thickness tolerances
- + Low dot gain
- + Ideal for seamless printing
- + Improved life span with better consistency on press
- + No plate lift
- + Suitable for all print substrates

Excellent economical characteristics

- + Higher printing speed
- + Reduced start-up waste of ink and substrate
- + Improved machine run times and faster make ready
- + Consistent laser image sensitivity – equivalent to flat plate
- + Less work – no plate mounting

Product features

- + LAMS (Laser-Ablative-Mask-System) for digital artwork (CtP technology)
- + Tonal range
 - nyloflex[®] ITR Thin: 1–98 % at 60 l/cm or 150 lpi
 - nyloflex[®] ITR Classic: 1–98 % at 42 l/cm or 110 lpi
- + Suitable for line, solid and halftone printing
- + Fast product availability

XSYS
Print solid. Stay flexible.

nyloflex® ITR Sleeves

Product specifications	nyloflex® ITR Thin	nyloflex® ITR Thin Variable	nyloflex® ITR Classic	nyloflex® ITR Classic Variable
Application	High quality printing + Increased stability due to 0.45 mm base sleeve	For printing variable repeat sizes with adapted photopolymer thickness	Standard printing	For printing variable repeat sizes with adapted photopolymer thickness
Wall thickness	1.57 mm (0.087 inches) ¹	1.33 - 3.33 mm (0.052 - 0.131 inches)	3.165 mm (0.127 inches) ¹	1.68 - 4.68 mm (0.066 - 0.184 inches)
Repeat range	290 - 910 mm (11.50 - 35.75 inches)	288.72 - 920.5 mm (11.37 - 36.24 inches)	300 - 920 mm (12.00 - 36.25 inches) ²	290.92 - 918.99 mm (11.45 - 36.18 inches) ²
Length	2880 - 1700 mm (11.00 - 66.90 inches) ³			
Relief Depth	Standard: 0.7 mm (0.028 inches) Also available from 0.5 - 2 mm (0.020 - 0.079 inches)			
Tonal range (%) at screen ruling (L/cm)	1 - 98 60 l/cm (150 lpi)		1 - 98 42 l/cm (110 lpi)	
Suitable adapters / carrier system	rotec® H/C Unifit Adapter rotec® H/C Bridge Adapter rotec® H/C Airo Adapter		rotec® H/C Adapter rotec® Unifit Adapter rotec® Bridge Adapter rotec® Airo Adapter or standard steel air-cylinder	

Processing information

Suitable equipment	nyloflex® ITR Thin and nyloflex® ITR Classic can be processed with the nyloflex® ITR Exposure and nyloflex® ITR Processor and all commonly used devices.
Printing inks	nyloflex® ITR Thin and nyloflex® ITR Classic are suitable for all water based and solvent based printing inks and conditionally suitable for UV inks. ⁴ (ethyl acetate content preferably below 15%, ketone content preferably below 5%)
Washout solvents	Especially good results are achieved with nylosolv® washout solvents. nylosolv® can be distilled and reused.

1) US sizes for ¼" and ½" 2) Modified base sleeve wall thickness for repeat ranges above 760 mm for nyloflex® ITR Classic 3) Additional lengths available on request. 4) Suitability with UV inks is dependant on the ink type and temperature - these factors could affect the performance of the plate and consistency of the print.

Please contact us for additional information.

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