

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

Endless ready-to-image photopolymer sleeves with LAMS layer for digital artwork

Available wall thickness of nyloflex[®] ITR Thin: 1.570 mm (0.087⁴)^{*}

Available wall thickness of nyloflex[®] ITR Classic: 3.165 mm (0.127⁴)^{*}

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
- less work – no plate mounting
- consistent laser image sensitivity – equivalent to flat plate

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
- high durability
- quick product availability

nyloflex® ITR Thin | nyloflex® ITR Classic

Product specifications	nyloflex® ITR Thin	nyloflex® ITR Classic
		
Application	High quality printing	Standard printing
Wall thickness	1.570 mm (0.087")*	3.165 mm (0.127")*
Repeat range	300 mm – 910 mm** (12.00" – 35.75")	300 mm – 920 mm** (12.00" – 36.25")
Length	280 mm – 1750 mm (11.00" – 68.90")	280 mm – 1750 mm (11.00" – 68.90")
Tonal range (%) at screen ruling of	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® Unifit Adapter rotec® Bridge Adapter rotec® Airo Adapter or standard steel-air-cylinder

* US sizes for ¼" and ½"

** Modified wall thicknesses for repeat ranges above 800 mm (nyloflex® ITR Thin) respectively 810 mm (nyloflex® ITR Classic).

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 alcohol-based printing inks and conditionally suitable for UV-inks.

(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.

You are welcome to contact us for further information.

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