

Technical Information

GRAPHIC PRODUCTS

I.T.G.-Maxima Progress

Compressible Offset Rubber Blanket

APPLICATION AND TECHNOLOGY

Customer feedback and long years of research and development have resulted in two new design elements for our I.T.G.-Maxima Progress offset printing blanket.

The new and unique carcass employs radial technology that provides tensile strength values far above standard, additional stability, and reduced 'gauge sinking', eliminating the need for re-packing.

The latest generation of the closed cell compressible intermediate layer increases the lifetime of the blanket, providing at the same time excellent smash and edge marking resistance. Due to the closed cell structure, solvent penetration is reduced, thus, the risk of delamination substantially minimized.

DESIGN ELEMENT	ADVANTAGE
Micro-grounded printing surface	Excellent ink transfer Suitable for hybrid inks Excellent dot reproduction Superior sheet release
Carcass in radial technology	Extremely high tensile strength and very low elongation Very good stability, no need for re-tensioning and re-packing Increased blanket lifetime
Closed cell compressible layer	Uniform compressibility allows reducing nip pressures Excellent smash and edge marking resistance Protection from water or chemical penetration Increased blanket lifetime
Sealed bottom layer	Protection from water or chemical penetration Reduced cylinder-sweating tendencies Increased blanket lifetime

I.T.G.-Maxima Progress is specially designed for modern, sheet-fed offset presses. The blanket is designed and recommended for conventional inks, but can also be used for hybrid inks as well as for UV inks.

TECHNICAL DATA

PARAMETER	VALUE
Type	Compressible printing blanket
Printing surface color	Blue
Printing surface structure	Micro-ground and polished
Thickness	1.70 mm
Tensile strength	> 3500 N / 50 mm
Elongation	< 1.2% at 500 N / 50 mm
Micro hardness (IRHD)	65 ± 3
Hardness	~ 79 Shore A

I.T.G. PRODUCT DATA

Product name	I.T.G.-Maxima Progress
Product number	E33X1005
Product marking (at the back side of the blanket)	I.T.G.-MAXIMA PROGRESS 1.70 MM / 1.95 MM
Customization	Cut blankets available upon request Metal bar fitted blankets available upon request