

## Technical Information

## GRAPHIC PRODUCTS

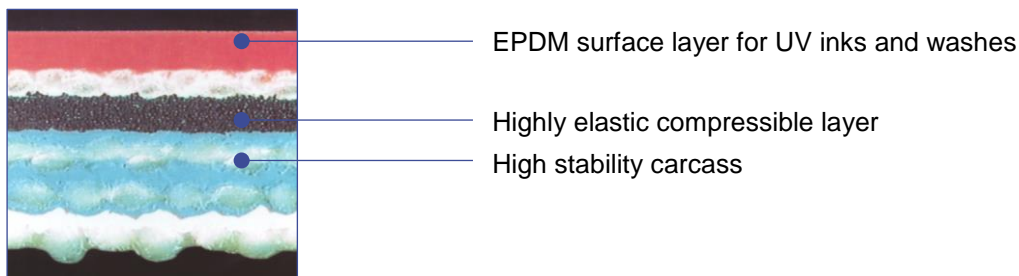
### *I.T.G.-Proprint UV Red Compressible Offset Rubber Blanket*

#### APPLICATION AND TECHNOLOGY

Quality printed products of paper, cardboard or metal, printed with UV inks and coatings have gained a firm place in the market. Since UV inks may cause swelling sooner or later to standard blanket covers, a special blanket is required where UV prints are to be made of consistently high quality.

I.T.G-Proprint UV Red has an EPDM printing surface layer that is specially designed for UV inks, providing the highest possible chemical resistance and thus durability. The high chemical resistance is also given for the washes and solvents designed for those inks. Important, the surface is not designed to be cleaned with petroleum detergents and mineral oils.

I.T.G-Proprint UV red has an extremely fine surface structure that ensures a uniform solid print and very sharp dots. Special compound additives, incorporated in the surface layer, ensure good paper release (QR effect).



The main advantages of our I.T.G-Proprint UV Red can be summarized as follows:

DESIGN ELEMENT	ADVANTAGE
Micro-grounded EPDM surface	Excellent ink transfer for UV inks High chemical resistance for washes/solvents for UV inks Excellent dot reproduction Excellent paper release
High stability carcass	Extremely high tensile strength and very low elongation Increased blanket lifetime

## TECHNICAL DATA

PARAMETER	VALUE
Type	Compressible offset printing blanket for UV inks
Surface color	Red
Surface structure	Micro-ground
Surface roughness Rz	6 µm
Surface roughness RA	0.8 µm
Thickness	1.70 ± 0.02 mm (3 ply) 1.96 ± 0.02 mm (4 ply)
Thickness reduction due to tensioning and setting	< 2 %
Tensile strength	> 4000 N / 50 mm
Elongation	< 1.2% at 500 N / 50 mm
Compressibility	~ 9 % (at 1350 kPa)
Surface rubber hardness	~ 55 Shore A
Overall hardness	~ 78 Shore A

## I.T.G. PRODUCT DATA

Product name	I.T.G.-Proprint UV Red
Product number	E20X1032 (1.70 mm) E20X1034 (1.96 mm)
Product marking (at the back side of the blanket)	I.T.G.-PROPRINT UV 1.70 MM / 1.95 MM
Standard length of roll	30 m
Customization	Cut blankets are available upon request Metal bar fitted blankets are available upon request