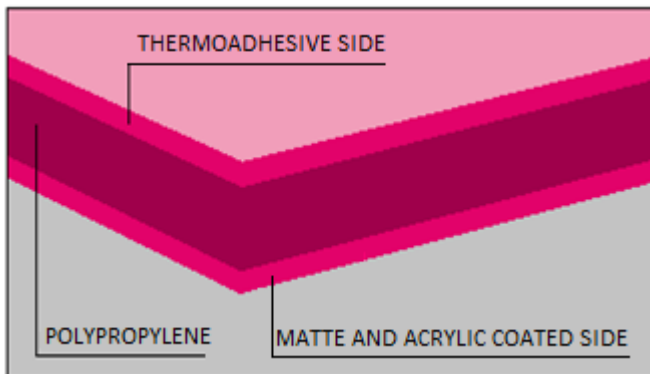## TECHNICAL DATA SHEET

PROTECT X MATT DIGITAL - DPT030

PROTECT X MATT DIGITAL - DPT030 is a bioriented polypropylene film, with one side matte which is acrylic coated and scratch resistant. The other side is coated with adhesive which is specifically designed for thermal lamination of digitally printed paper and cardboard.

TYPICAL TECHNICAL FEATURES [(*)]

PHYSICAL PROPERTIES		UNIT	VALUE	METHOD
Thickness		µm	30 ± 1,5	Internal
Yield		m^2/kg	$\cong$ 38,5	Internal
Grammage		g/m^2	26 ± 1,3	Internal
Surface tension	coated side	dyne/cm	≥ 40	ASTM D2578

THERMAL PROPERTIES		UNIT	VALUE	METHOD
Lamination temperature	adhesive side	°C	100 - 115 [(†)]	Internal

[(†)] *variable according to the processing conditions*

OPTICAL PROPERTIES		UNIT	VALUE	METHOD
Gloss (*matte side*)	60°	GU	4,5 ± 1	Internal

STORAGE

Store the material in a dry location (preferably with RH < 50%) at a constant temperature between 10°C and 30°C. Do not leave it exposed to direct sunlight or atmospheric agents.
Partially used reels have to be repacked as originally supplied.

WARRANTY

Material processability is guaranteed up to 6 months since shipment date, as long as it is stored correctly.
It is recommended to condition the material at room temperature at least 24 hours before its use.

DISCLAIMERS

MAG DATA Spa gives no warranty, expressed or implied, as to the suitability of the material for a specific application or characteristic use. An industrial homologation test of the material in actual conditions of purpose is always needed in order to verify its suitability for the specific application or characteristic use.

[(*)] The information and data contained herein are to be used only as a guideline; therefore, MAG DATA Spa doesn't offer any guarantee on their absolute truthfulness and doesn't accept any liability arising out of their use.

Before using the material, it is advisable to check the compatibility of the inks and adhesives to be purposed with the type and level of its treatment.