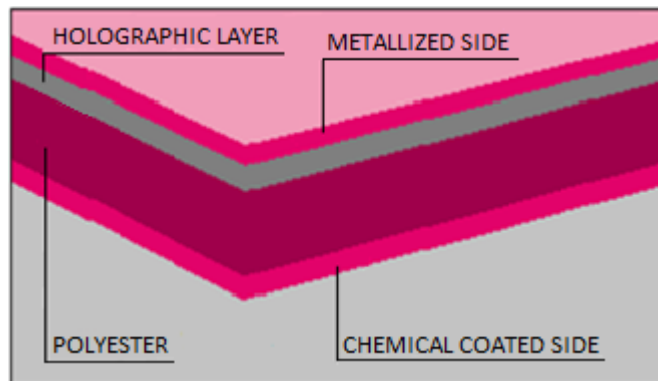


TECHNICAL DATA SHEET

METAL RAINBOW WET - PWM016

METAL RAINBOW WET - PWM016 is a holographic bioriented polyester film with one side metallized and the other one coated with a chemical coating that makes it suitable for UV printing.

This film cannot be used in production processes characterized by temperatures above 100°C.



TYPICAL TECHNICAL FEATURES ^(*)

PHYSICAL PROPERTIES		UNIT	VALUE	METHOD
Thickness		μm	16	Internal
Grammage		g/m ²	22,34	Internal
COF (metallized side/metallized side)	dynamic	-	0,35 - 0,55	ASTM D1894
Surface tension	coated side	dyne/cm	≥ 38	Internal

MECHANICAL PROPERTIES		UNIT	VALUE	METHOD
Tensile strength	MD	kg/mm ²	19 - 27	ASTM D882
	TD		19 - 27	
Elongation at break	MD	%	93 - 143	ASTM D882
	TD		93 - 143	

THERMAL PROPERTIES		UNIT	VALUE	METHOD
Thermal shrinkage (150°C/30min)	MD	%	≤ 1,2	ASTM D1204
	TD		≤ 0,2	

METALLIZATION PROPERTIES		UNIT	VALUE	METHOD
Optical density		-	1,5	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.

^(*) 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.

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. 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.