

PRODUCT DATA SHEET

Version: 250821



PRODUCT NAME	7401 SILO ₂ BLOCK®
Description	7-layer, green/silver, barrier, silage film
Resins	m-LLDPE, LDPE, EVOH
Thickness	100mic
Average thickness tolerance	±5% on nominal
Thickness tolerance(2σ)	-20%

MECHANICAL PROPERTIES		Typical Values		Variation	Test Method
NOMINAL WIDTH		4-16	18-20		
TENSILE STRENGTH AT BREAK	MD (MPa)	27	27	-5%	EN ISO 527-3
	TD (MPa)	28	28	-5%	EN ISO 527-3
ELONGATION AT BREAK	MD (%)	600	600	-5%	EN ISO 527-3
	TD (%)	650	650	-5%	EN ISO 527-3
IMPACT RESISTANCE*	g	600	450	-5%	EN ISO 7765-1 (A)
TEAR RESISTANCE	gf/mic	18	18	-5%	ASTM D1922
O ₂ PERMEABILITY**	(cm ³ /m ² /24h)@0,2bar	<5			

* The value of dart-drop refers to typical measurements obtained during production on flat film(excl. fold).

It is provided for information purposes and does not constitute a specification or contractual obligation from our side.

The value is known to deteriorate during storage & use of the film.

**Permeability values refer to average permeability across the width of the film at 0,2bar/0%RH



We hereby certify that the product consigned as per the above meets the standard manufacturing specifications according to the plans established by our Quality System based on ISO 9001:2015.

Limit of liability: PLASTIKA KRITIS warrants that this product conforms to its specifications. Buyer is responsible to verify the suitability of the product for the particular use. The amount of any claim against PLASTIKA KRITIS and PLASTIKA KRITIS' liability relative to the product's properties or performance, shall in no event exceed the purchase value of the product. In no event shall PLASTIKA KRITIS be liable for loss of profit or special, indirect or consequential damages.

Industrial Zone, Iraklion, Crete, Greece, 74108 www.plastikakritis.com Tel:+30 2810 308500 Email: rnd@plastikakritis.com