

PRODUCT - HAND ROLL			STANDARD	STANDARD	STANDARD	STANDARD
PROPERTIES	METHOD	UNIT OF MEASURE				
PRODUCTION		CAST COEXTRUDED	CAST COEXTRUDED	CAST COEXTRUDED	CAST COEXTRUDED	CAST COEXTRUDED
POLYMER			LLDPE	LLDPE	LLDPE	LLDPE
WIDTH		mm	450 - 500	450 - 500	450 - 500	450 - 500
THICKNESS		µm	13	14	15	17
IMPACT STRENGTH	ASTM D1709	gr.	48	50	52	55
TENSILE STRENGTH						
LONGITUDINAL	ASTM D882	N/sq.mm	27	29	31	32
TRANSVERSAL	ASTM D882	N/sq.mm	18	19	20	21
ELONGATION AT BREAK						
LONGITUDINAL	ASTM D882	%	220	230	240	260
TRANSVERSAL	ASTM D882	%	450	480	520	560
PRESTRETCH	PRACTICE TEST	%	40 - 50	45 - 55	60 - 65	70 - 75
USE LIMIT UP TO						
YIELD STRENGTH						
LONGITUDINAL	ASTM D882	N/sq.mm	7	7,9	8,5	9
TRANSVERSAL	ASTM D882	N/sq.mm	7	7,9	8,5	9
TEAR STRENGTH (ELMENDORF)						
LONGITUDINAL	ASTM D1922	N/mm	25	28	30	33
TRANSVERSAL	ASTM D1922	N/mm	80	89	95	100
PUNCTURE RESISTANCE	OUR OWN		1100	1190	1250	1300

For colored films value reduction of 10%
For films with additives value reduction of 5%

Dimensional Characteristics	Range	Test Method
Width	± 0, -5 mm	ISO 4592
Thickness (average)	± 5,0 %	ISO 4591
Core internal diameter	± 2 mm	Direct measurement

All other figures are typical values with tolerances 10% .

E.P.M. Stretch Films are ecologically non pollutant, absolutely non - toxic, chlorine free and can be 100% recycled

Rev: 20 - Data: settembre 2021