

PRODUCT - 04stretch®	30%	STANDARD	HAND ROLL	HAND ROLL	HAND ROLL	HAND ROLL
PROPERTIES	METHOD	UNIT OF MEASURE				
PRODUCTION		CAST COEXTRUDED	CAST COEXTRUDED	CAST COEXTRUDED	CAST COEXTRUDED	CAST COEXTRUDED
POLYMER			LLDPE	LLDPE	LLDPE	LLDPE
WIDTH		mm	500	500	500	500
THICKNESS		µm	15	17	20	23
IMPACT STRENGTH	ASTM D1709	gr.	45	55	65	70
TENSILE STRENGTH						
LONGITUDINAL	ASTM D882	N/sq.mm	31	32	34	36
TRANSVERSAL	ASTM D882	N/sq.mm	20	21	23	25
ELONGATION AT BREAK						
LONGITUDINAL	ASTM D882	%	240	265	310	350
TRANSVERSAL	ASTM D882	%	520	550	610	660
PRESTRETCH	PRACTICE TEST	%	55 - 60	65 - 70	75 - 80	85 - 90
USE LIMIT UP TO						
YIELD STRENGTH						
LONGITUDINAL	ASTM D882	N/sq.mm	8,5	9	9,5	10,5
TRANSVERSAL	ASTM D882	N/sq.mm	8,5	9	9	10
TEAR STRENGTH (ELMENDORF)						
LONGITUDINAL	ASTM D1922	N/mm	30	33	37	40
TRANSVERSAL	ASTM D1922	N/mm	95	100	110	120
PUNCTURE RESISTANCE	OUR OWN		1250	1300	1380	1450

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: 21 - Data: settembre 2021