

308 A STANDARD



LLDPE cast stretch film for general applications. *To be used only on wrapping machines WITHOUT prestretch group.*

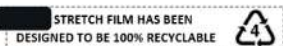
Characteristic	Method	Unit	Direction	12 µm	15 µm	17 µm	20 µm	23 µm	30 µm	35 µm	50 µm	Tolerances
Impact resistance	ASTM D1709 A	g	-	40	50	70	75	85	100	125	147	10%
Tensile strength at break	ASTM D882 B	MPa	Machine Direction	22	27	30	32	32	33	35	42	10%
			Transversal Direction	17	17	18	18	20	22	22	29	10%
Tensile strength at yield	ASTM D882 B	MPa	Machine Direction	6	6,5	6,5	6,5	6,5	7	7	8	10%
			Transversal Direction	4,5	5	5	5	5,5	6	6,5	7,5	10%
Elongation at break	ASTM D882 B	%	Machine Direction	400	420	430	460	480	550	600	730	10%
			Transversal Direction	500	550	570	600	650	670	680	780	10%
Tear Resistance	ASTM D1922	mN	Machine Direction	1600	1700	2100	2200	2500	2700	3000	4100	10%
			Transversal Direction	2300	2350	2712	3200	3220	3300	3300	4650	10%
Stretch		%	-	60	70	90	110	145	170	180	220	5%
Cling		g	-	135	135	135	130	130	125	120	115	10%

In case of coloured stretch film these values should be reduced by 10%.

In case of additives these values should be reduced by 5%.

In case of printed film these values should be reduced by 5%.

Coloured	Slippery	AUV 6/12 months	Antistatic	NetRoll	Cling Out/In/Both	Printed
✓	✓	✓	✓	✗	✓	✓



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308 M STANDARD

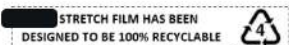


LLDPE cast stretch film for manual use.

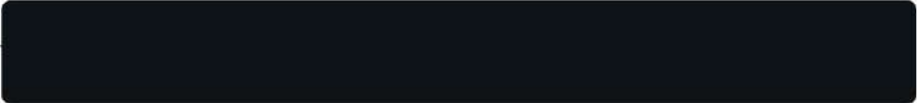
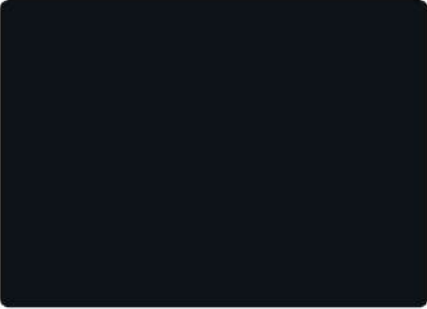
Characteristic	Method	Unit	Direction	12 µm	15 µm	16 µm	17 µm	18 µm	19 µm	20 µm	23 µm	30 µm	35 µm	Tolerances
Impact resistance	ASTM D1709 A	g	-	49	50	54	58	60	65	65	72	85	91	10%
Tensile strength at break	ASTM D882 B	MPa	MD	26	27	29	29	29	30	32	27	32	33	10%
			TD	16	17	18	18	17	17	17	20	22	22	10%
Tensile strength at yield	ASTM D882 B	MPa	MD	5,5	6	6	6	6	6	6	6	7	7	10%
			TD	4,5	5	5	5	5	5	5	5	6	6,5	10%
Elongation at break	ASTM D882 B	%	MD	330	360	370	380	390	400	410	450	500	570	10%
			TD	480	500	510	510	520	520	540	550	600	610	10%
Tear Resistance	ASTM D1922	mN	MD	1000	1100	1120	1200	1270	1380	1450	1560	1860	2100	10%
			TD	1950	2050	2110	2150	2190	2225	2300	2450	2650	2850	10%
Stretch		%	-	50	70	80	80	90	95	100	115	145	160	5%
Cling		g	-	135	135	135	135	130	130	130	130	125	120	10%

In case of coloured stretch film these values should be reduced by 10%.
 In case of additives these values should be reduced by 5%.
 In case of printed film these values should be reduced by 5%.

Coloured	Slippery	AUV 6/12 months	Antistatic	NetRoll	Cling Out/In/Both	Printed
✓	✓	✓	✓	✓	✓	✓



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CONFORMITY DECLARATION
Nr. 01/21.09.2022


We,
comu



, declare, under the Romanian Government decision nr. 1022/2002 art.5, regarding the products and services which could may put in danger the life, health, working security and environmental protection, that the product STRETCH FILM delivered with the invoice no. 51/369 from 13.09.2022 is not the subject of the above issues and is in conformity with the standards: ASTM D-1505, ASTM D-1709, ASTM D-882 B, ASTM D-1922.

Date

21/09/2022



TECHNICAL SPECIFICATIONS



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General Tolerance except Pre-stretched film.

Internal Ø (mm)	Core length (mm)	Core weight (g)	Film Thickness (µ)	Film width (mm) ^a	Film length	Core weight	Internal Core Ø (mm)	Core length (mm)	Reel weight
50	520	200/300	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±8	±5%	±7%	±1,5	+6 -3	±5%
50	520	500	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±8	±5%	±10%	±1,5	+6 -3	±5%
50	520	600/700/800	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±8	±5%	±9%/±8%/±7%	±1,5	+6 -3	±5%
50	470	180/270/450	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±8	±5%	±7%	±1,5	+6 -3	±5%
50	260	220	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±8	±5%	±7%	±1,5	+6 -3	±5%
50	153/128/103	267/224/180	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±3	±5%	±7%	±1,5	+6 -3	±5%
38	140/128/103	85/75/60	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±3	±5%	±8%	±1,5	+3 -2	±5%
38 R ^d	103/128/260	89/110/220	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±3	±5%	±7%	±1,5	+3 -2	±5%
76	520 ^c	850	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±8	±5%	±5%	±1,5	+6 -3	±5%
76	510/510/1010	1.000/1.700/3.367	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±8	±5%	±5%	±1,5	+6 -3	±5%
76	385/510/760	1.283/1.800/2.550	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±8	±5%	±5%	±1,5	+6 -3	±5%
76 ^d	510	1.860	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±8	±5%	±5%	±1,5	+6 -3	±5%
76	510	1.950	23-35 ±2	±8	±5%	±7%	±1,5	+6 -3	±5%
76	255/128/103	850/427/333	7-23 ±1 - 24-35 ±2 - 36-80 ±3	±8	±5%	±5%	±1,5	+6 -3	±5%

^a During the first 20 meters of the coil ±25 mm. In case of reinforced edges the value of 8 mm will be of 15 mm

^b Reinforced core.

^c To be used only in 5Kg total reel weight.

^d Plastic core. To be used only for printed Films. Non-returnable plastic core.

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TECHNICAL SPECIFICATIONS



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Pre-stretched film Tolerance.

Internal Ø (mm)	Core length	Film Average Thickness (µ)	Film width (mm)	Film length	Core weight	Internal Core Ø (mm)	Core length (mm)	Reel weight
76	460 mm weight 1,533 Kg	±1	±10	±7%	±5%	±1,5	+6 -3	± 7%
50	470 mm weight 0,27 Kg	±1	±10	±7%	±7%	±1,5	+6 -3	± 7%
50	470 mm weight 0,45 Kg	±1	±10	±7%	±7%	±1,5	+6 -3	± 7%

“Sunlight Resistance” for the printing on printed film.

June-July-August	September-April-May	October-November-March	December-January-February
40 days	120 days	240 days	720 days

- The above mentioned values (tested with instrument XENOTEST 150 S) are considered with the sunlight in the range of the Washington meridian; Exposure from 9:00 to 15:00.
- Although [redacted] uses colours with “Light Resistance” index 7 for printing but due to the fact that the film can be exposed under innumerable situations which mean uncontrolled solar radiation quantities absorbed [redacted] does not guarantee the duration and appearance of the printing in printed films.

Printed film Tolerance.

For printed films the printing width and/or height can vary, depending on the thickness, by 5%.

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TECHNICAL SPECIFICATIONS



17/5/2021 rel.27

Film tolerances

Roll type	Film Thickness (μ)	Film width (mm) ¹	Film length	Roll Type	Internal Core \varnothing (mm) *	Reel weight
Automatic	9-23 \pm 1 - 24-35 \pm 2	\pm 8	\pm 5%	Automatic	74 \pm 4	\pm 5%
Manual	9-23 \pm 1 - 24-35 \pm 2	\pm 8	\pm 5%	Manual	45 \pm 5	\pm 5%

* This value is considered as indicative.

has an official dispenser that grants the use of the roll in terms of inner diameter.
does not give warranty on another dispenser.

¹ During the first 20 meters of the coil \pm 25 mm. In case of reinforced edges the value of 8 mm will be of 15 mm

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