



TECHNICAL DATA: CAST STRETCH FILM

Made from virgin polyethylene and the best raw materials in our advanced American-made film casting lines, our films have extreme strength and stretchability. Hand grade is a five-layer polyethylene cast stretch film meant for manual applications. Products with alternative thicknesses and lengths can be made to order if required.

Physical Properties:

Thickness	Pre-stretch	Width	Weight/m	Density	Dartdrop	Tear Resistance MD	Tear Resistance TD	Tensile strength	Elongation at Break (min.)
					ASTM-D1709	ASTM-D1922	ASTM-D1922	ISO-527	ISO-527
17μ	110-140%	500mm	7.80g	0.918g/cm ³	35gm	260 mN	800mN	25 Mpa	400%
20μ	120-150%	500mm	9.18g	0.918g/cm ³	40gm	300 mN	1400mN	28 Mpa	450%
23μ	130-165%	500mm	10.55g	0.918g/cm ³	50gm	400 mN	1600mN	30 Mpa	500%
30μ	130-160%	500mm	13.77g	0.918g/cm ³	80gm	1000 mN	2300mN	32 Mpa	500%

Features:

- Good stretch capability
- High transparency and clarity
- Strong tear and puncture resistance
- Excellent barrier properties
- Robust five-layer structure

Application:

- High value-in-use, most economical cost wrapping
- Easy barcode reading and visual product identification
- Protects goods from mechanical damage during shipping
- Protects goods from moisture, dirt, sand and dust
- Easy application

Note: Every endeavour has been made to ensure that the information given herein is true and reliable but is given only for the guidance of our customers without any guarantee. Users are advised to confirm the suitability of our recommendation by their test. The tests are performed at 23 degrees Celsius (+/-2 degrees). The roll gross weight has a tolerance of +/-5%



TECHNICAL DATA: POWER CAST STRETCH FILM

Made from virgin polyethylene and the best raw materials in our advanced American-made film casting lines, our films have extreme strength and stretchability. It is a five-layer polyethylene cast stretch film meant for machine applications. It is used in semi-automatic and fully automatic wrapping machines, including turntable and rotating arm types. Products with alternative thicknesses and lengths can be made to order if required.

Physical Properties:

Thickness	Pre-stretch	Width	Length	Roll gross weight	Core	Weight/m	Density	Dart drop	Tear Resistance MD	Tear Resistance TD	Tensile strength	Elongation at Break (min.)
								ASTM-D1709	ASTM-D1922	ASTM-D1922	ISO-527	ISO-527
17μ	150-180%	500 mm	2000m	16.61 kg	1kg	7.80g	0.918g/cm ³	50gm	800 mN	2600mN	28 Mpa	460%
20μ	175-200%	500 mm	1700m	16.61 kg	1kg	9.18g	0.918g/cm ³	60gm	1000 mN	2900mN	30 Mpa	500%
23μ	200-250%	500 mm	1500m	16.84 kg	1kg	10.55 g	0.918g/cm ³	80gm	1300 mN	3100mN	30 Mpa	550%
30μ	250-270%	500 mm	1150m	16.84 kg	1kg	13.77 g	0.918g/cm ³	115gm	1600 mN	3600mN	34 Mpa	580%

Features:

- Excellent stretch capability
- High transparency and clarity
- Strong tear and puncture resistance
- Excellent barrier properties
- Robust five-layer structure

Application:

- High value-in-use, most economical cost wrapping
- Easy barcode reading and visual product identification
- Protects goods from mechanical damage during shipping
- Protects goods from moisture, dirt, sand and dust
- Easy application, will not tear in the machine

Note: Every endeavour has been made to ensure that the information given herein is true and reliable but is given only for the guidance of our customers without any guarantee. Users are advised to confirm the suitability of our recommendation by their test. The tests are performed at 23 degrees Celsius (+/-2 degrees). The roll gross weight has a tolerance of +/-5%



TECHNICAL DATA: SUPERPOWER CAST STRETCH FILM

Made from virgin polyethylene and the best raw materials in our advanced American-made film casting lines, our films have extreme strength and stretchability. Super Power Stretch is a newly developed high-end five-layer polyethylene cast stretch film. It is specially made for high-performance use on fully automatic/online wrapping machines, including turntable and rotating arm types. Products with alternative thicknesses and lengths can be made to order if required

Physical Properties:

Thickness	Pre-stretch	Width	Length	Roll gross weight	Core	Weight/m	Density	Dartdrop	Tear Resistance MD	Tear Resistance TD	Tensile strength	Elongation at Break (min.)
								ASTM-D1709	ASTM-D1922	ASTM-D1922	ISO-527	ISO-527
17μ	170-200%	500 mm	2000m	16.61 kg	1kg	7.80g	0.918g/cm ³	70gm	1300 mN	3300mN	28 Mpa	400%
20μ	200-230%	500 mm	1700m	16.61 kg	1kg	9.18g	0.918g/cm ³	80gm	1500 mN	3400mN	30 Mpa	530%
23μ	230-265%	500 mm	1500m	16.84 kg	1kg	10g	0.918g/cm ³	90gm	1700 mN	3700mN	32 Mpa	570%
30μ	240-270%	500 mm	1150m	16.84 kg	1kg	13.77g	0.918g/cm ³	140gm	2000 mN	4500mN	36 Mpa	590%

Features:

- Excellent stretch capability
- High transparency and clarity
- Strong tear and puncture resistance
- Excellent barrier properties
- Robust five-layer structure

Application:

- High value-in-use, most economical cost wrapping
- Easy barcode reading and visual product identification
- Protects goods from mechanical damage during shipping
- Protects goods from moisture, dirt, sand and dust
- Easy application, will not tear in the machine

Note: Every endeavour has been made to ensure that the information given herein is true and reliable but is given only for the guidance of our customers without any guarantee. Users are advised to confirm the suitability of our recommendation by their test. The tests are performed at 23 degrees Celsius (+/-2 degrees). The roll gross weight has a tolerance of +/-5%



TECHNICAL DATA: SUPER HIGH POWER CAST STRETCH FILM

Made from virgin polyethylene and the best raw materials in our advanced American-made film casting lines, our films have extreme strength and stretchability. Super High Power Stretch is a newly developed high-end five-layer polyethylene cast stretch film. It is specially made for high-performance use on fully automatic/online wrapping machines, including turntable and rotating arm types. Products with alternative thicknesses and lengths can be made to order if required

Physical Properties:

Thickness	Pre-stretch	Width	Weight/ m	Density	Dartdrop	Tear Resistance MD	Tear Resistance TD	Tensile strength	Elongation at Break (min.)
					ASTM-D1709	ASTM-D1922	ASTM-D1922	ISO-527	ISO-527
18μ	220-250%	500mm	7.80g	0.918g /cm ³	110gm	900 mN	2000mN	29 Mpa	550%
20μ	250-280%	500mm	9.18g	0.918g /cm ³	130gm	1100 mN	2600mN	32 Mpa	580%
23μ	290-320%	500mm	10.55g	0.918g /cm ³	150gm	1900 mN	2900mN	35 Mpa	600%
30μ	300-330%	500mm	13.77g	0.918g /cm ³	185gm	2500 mN	3500mN	40 Mpa	650%

Features:

- Exceptional high stretch capability
- High transparency and clarity
- Strong tear and puncture resistance
- Excellent barrier properties
- Robust five-layer structure

Application:

- High value-in-use, most economical cost wrapping
- Easy barcode reading and visual product identification
- Protects goods from mechanical damage during shipping
- Protects goods from moisture, dirt, sand and dust
- Easy application, will not tear in the machine

Note: Every endeavour has been made to ensure that the information given herein is true and reliable but is given only for the guidance of our customers without any guarantee. Users are advised to confirm the suitability of our recommendation by their test. The tests are performed at 23 degrees Celsius (+/-2 degrees). The roll gross weight has a tolerance of +/-5%