

DERİTEKS

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— Composit Solutions —



BAGGING FILMS FOR AUTOCLAVE



RELEASE FILMS



THERMOSHRINKING FILMS



+90 539 658 57 27

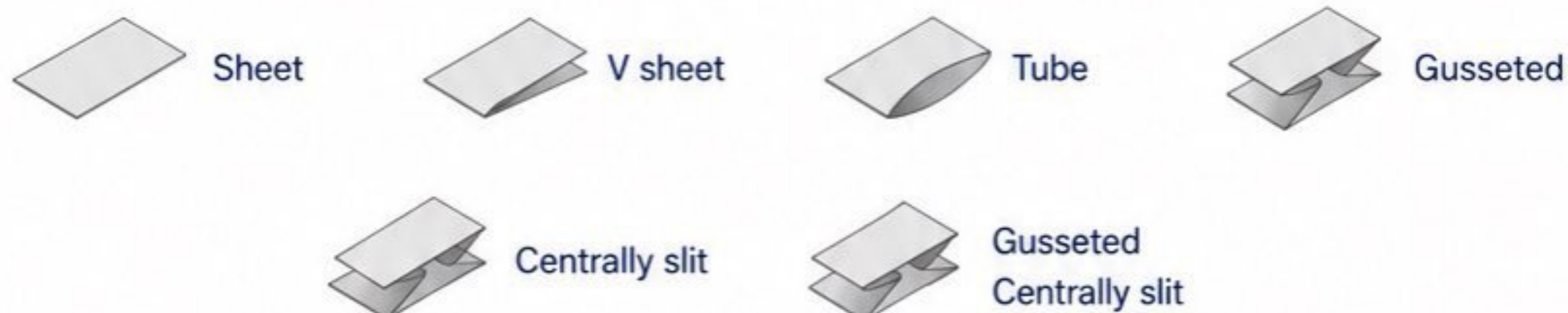


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BAGGING FILMS FOR AUTOCLAVE

Item Code	Max. Temp.	Format	Use with Resin	Application
VACUUM BAGGING FILMS				
DRT-1VB001-OR	180°C	Sheet, V sheet, Tube, GUSSETED	E PE V PH	VACUUM BAGGING
DRT-1VB801-VL	170°C	Sheet, V sheet, CENTRALLY SLIT	E PE V PH	VACUUM BAGGING
DRT-1VB531-PK	204°C	Sheet, V sheet, Tube	E PE V	VACUUM BAGGING
DRT-1VB341-V	204°C	Sheet, V sheet, Tube	E PE V PH	VACUUM BAGGING
DRT-1VB731-OR	212°C	Sheet, V sheet, Tube	E PE V	VACUUM BAGGING
DRT-1VB031-GR	205°C	Sheet, V sheet, Tube	E PE V	VACUUM BAGGING
DRT-1VB031-ORAE	218°C	Sheet, V sheet, Tube	E PE V	VACUUM BAGGING
DRT-1VB131-SB	230°C	Sheet, V sheet, Tube	E PE V	VACUUM BAGGING
SELF RELEASE VACUUM BAGGING FILMS				
DRT-1SR461-GR	160°C	Tube, GUSSETED TUBE	E PH	SELF RELEASE
DEBULKING FILMS				
DRT-1R761-GALET	158°C	Sheet	E PE V	DEBULKING
DRT-1R102-GEMB	114°C	Sheet	E PE V	DEBULKING
DRT-1R051-OR	114°C	Sheet	E PE V	DEBULKING
DRT-1R031-GCI	200°C	Sheet	E PE V	DEBULKING
COMPACTING FILMS				
DRT-1CF102-OR	114°C	Sheet	E PE V	COMPACTING
DRT-1CF102-DG	114°C	Sheet	E PE V	COMPACTING
DRT-1C302-SB	120°C	Sheet	E PE V	COMPACTING

CAPTION



E : Epoxy | PE : Polyester | V : Vinylester | PH : Phenolic

• MEDIUM TEMPERATURE

DRT-1VB001-OR



ORANGE



86 - 3500 mm tube or V Sheet
2400 - 6000 mm gusseted.



50 μm | 65 μm
75 μm



180°C

DRT-1VB001-OR is a highly flexible orange multilayer nylon vacuum bagging film suitable for advanced composite curing processing and laminated security glass. DRT-1VB001-OR is suitable for phenolic contact.



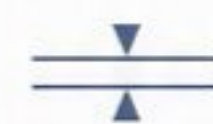
DRT-1VB801-VL



VIOLET



Up to 6 m

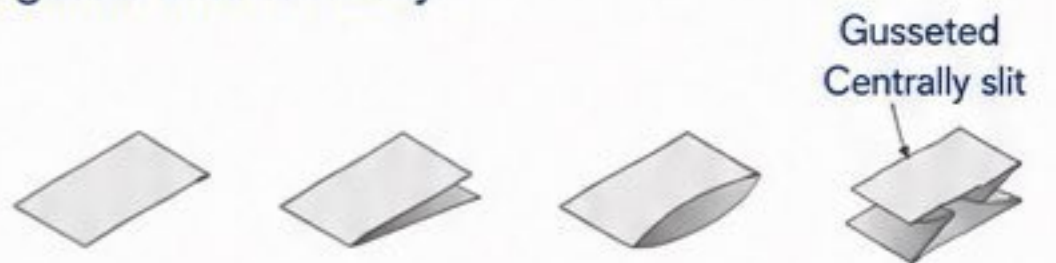


50 μm



170°C

DRT-1VB801-VL is a light-violet colored highly flexible multilayer nylon vacuum bagging film, designed for processing of advanced composite structures and laminated security glass. The film is ideal for use in both oven and autoclave cures, up to a maximum recommended temperature of 170°C and a maximum recommended pressure of 8 bars. Key benefits of this film are its high elongation and flexibility.



• HIGH TEMPERATURE

DRT-1VB531-PK



PINK



up to 2000 mm tubular
2000 - 4000 mm V-sheet



50 μm



204°C

DRT-1VB531-PK is a soft and flexible mononylon vacuum bagging film suitable for oven and autoclave cure temperatures up to 204 °C.



CAPTION



Sheet



V sheet



Tube



Gusseted



Gusseted
Centrally slit

E : Epoxy | PE : Polyester | V : Vinylester | PH : Phenolic



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DRT-1VB341-V



VIOLET



Up to 3500 mm Tube
7000 mm V-Sheet



50 μ m



Max.
204°C

DRT-1VB341-V is a violet colored coextruded mononylon vacuum bagging film, engineered to enhance softness at a maximum level.



Sheet



V sheet



Tube

DRT-1VB731-OR



ORANGE



Up to 2000 mm Tube
2000 - 4000 mm V-Sheet



50 μ m | 75 μ



Max.
212°C

DRT-1VB731-OR is a sturdy yet soft multilayer coextruded mono nylon vacuum bagging film, able to withstand high pressure and temperature autoclave cures up to 212°C. DRT-1VB731-OR film is recommended for applications where the attributes of higher softness, high elongation and durability are required, therefore the film can be used in autoclave, oven and resin infusion applications with polyester, vinyl ester and epoxy resin systems (the product is not suitable for use with phenolic resin).



Sheet



V sheet



Tube

DRT-1VB031-GR



GREEN



Up to 3000 mm tube
3000/6000 mm V sheet



50 μ m | 75 μ m



Max.
205°C

DRT-1VB031-GR is a flexible, high strength mononylon vacuum bagging film in green color suitable for oven and autoclave cure temperatures up to 205°C.

Available in 25mm,
50mm, 75 mm
layflat tube.



Sheet



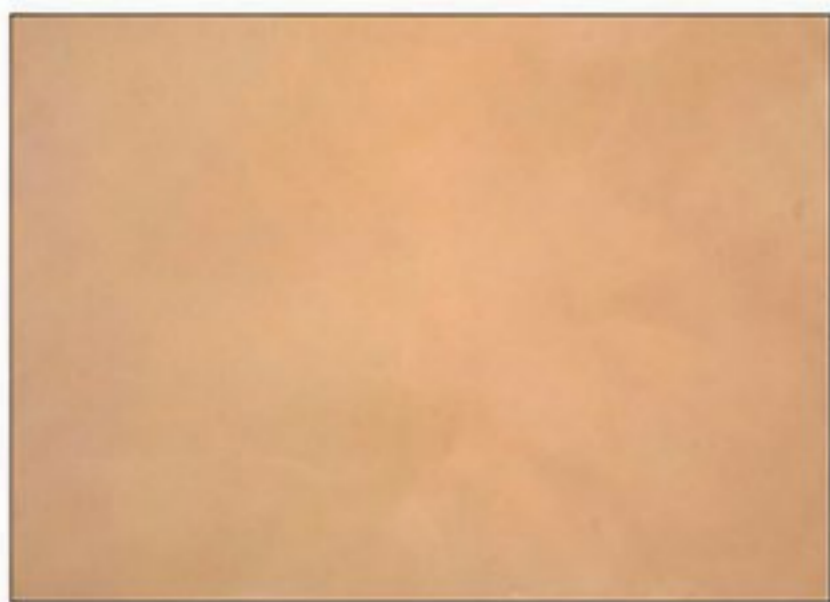
V sheet



Tube

BAGGING FILMS

DRT-1VB031-ORAE



ORANGE



1500 mm Tube



75 µm



218°C

DRT-1VB031-ORAE is an orange coloured, flexible and high strength coextruded polyamide vacuum bagging film, developed for oven and autoclave high temperature curing process in the aerospace industry. This film is not suitable to be used with Phenolic resins.



DRT-1VB131-SB



SKY BLUE



Up to 1525mm sheet,
tube or 3050mm V-Sheet



50µ | 75µ



230°C

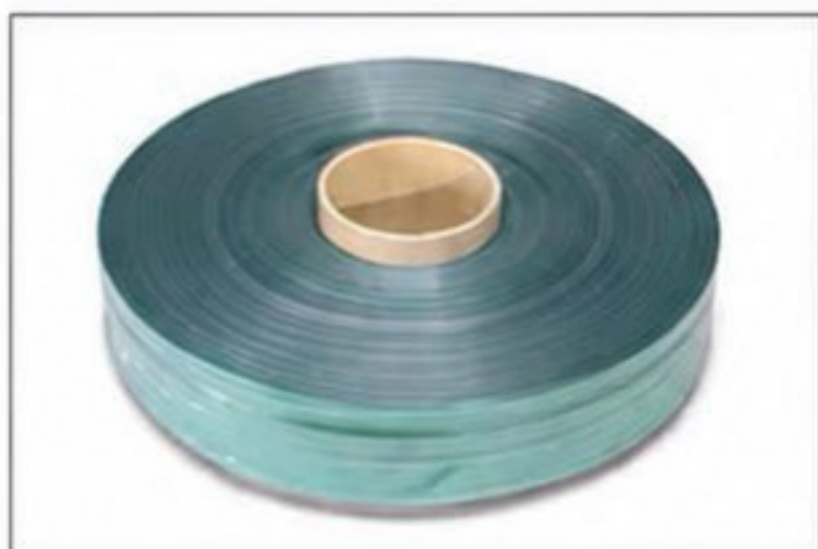
DRT-1VB131-SB is a sturdy, high temperature resistant coextruded nylon film, designed for use in production of advanced composite structures in composite aerospace industry.

The film is suitable for use with the most common resins including bismaleimides.



• SELF RELEASE BAGGING FILMS

DRT-1SR461-GR



GREEN



50 - 800 mm tube



50µ | 70µ | 100µ



160°C

DRT-1SR461-GR is a self-releasing multilayer nylon/polyolefin vacuum bagging film designed for processing hollow advanced composite structures where easy removal of the bag following the cure is desirable to avoid damage to the component.



• DEBULKING FILMS

DRT-1R761-GALETTS



PINK



1500 mm sheet width



50 μ m



158°C

DRT-1R761-GALETTS is a pink colored release film designed for resin infusion and prepreg application. The film is compatible with all commonly used resin systems. The film is embossed and features a "galets" pattern, to speed up the air extraction in debulking operations.



DRT-1R102-GEMB



LIGHT GREEN



Up to 1800 mm



80 μ m



114°C

DRT-1R102-GEMB is a light green colored diamond-pattern embossed coextruded LDPE release film to be used with prepreg materials. Suitable to protect prepregs layups and to separate prepreg layers on the ply cutter when kitting. The modified surface structure speeds up the air extraction during debulking operation.



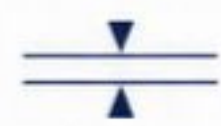
DRT-1R051-OR



ORANGE



Up to 6000 mm



60 μ m



114°C

DRT-1R051-OR is an orange polyolefin-based barrier film, developed for debulking applications in the composite industry, featuring good mechanical and release properties. The product is not intended for infusion or autoclave use.

Centrally slit



CAPTION



Infusion



Oven



Autoclave



Sheet



V sheet



Gusseted



Gusseted Centrally slit

BAGGING FILMS

DRT-1R031-GCI



GREEN



Up to 6000 mm



60 μ



Max.

114°C

DRT-1R031-GCI is a flexible and high strength coextruded mononylon vacuum bagging film, for oven and autoclave curing process up to 200°C, with "cracked ice" embossing pattern to facilitate resin / air flow during process.



• PLAIN COMPACTING FILMS

DRT-1CF102-OR



ORANGE



Up to 1450 mm



70 μ



Min.

-18°C

DRT-1CF102-OR is an orange colored Coextruded LDPE film to be used as release from pre-pregs set ups. Product is available in other colors upon order.



DRT-1CF102-DG



DARK
GREEN



1080 mm | 1150 mm
1350 | 1450 mm



80 μ m



Min.

-18°C

DRT-1CF102-DG is a Coextruded LDPE film to be used as release from pre-pregs setups. Product is available in other colors upon order.



DRT-1C302-SB



SKY
BLUE



Up to 2000 mm



100 μ m



120°C




DRT-1C302-SB is a Coextruded Polyethylene sky blue film developed as support for textile fibers compaction processes.



RELEASE FILMS

Item code	Max. temp.	Perforations	Use with resin
DRT-1R002-OR	127°C	P3 P16 P31 NP	E PE V
DRT-1R302-SB	127°C	P3 P16 P31 NP	E PE V
DRT-1R212-YL	150°C	P3 P6 P16 P31 NP	E PE V
DRT-1R761-PK	158°C	P3 NP	E PE V
DRT-1R006PMP-RD	200°C	P3 P6 NP	E PE V
DRT-1R009FEP-RD	260°C	P3 P6 NP	E PE PH
DRT-1R109ETFE-BL	230°C	P3 P6 NP	E PE V

• PERFORATIONS SPECIFICATIONS

Process	NP	P3	P6	P16	P31
				●	●
	●	●	●		
	●	●	●		

CAPTION



Infusion



Oven

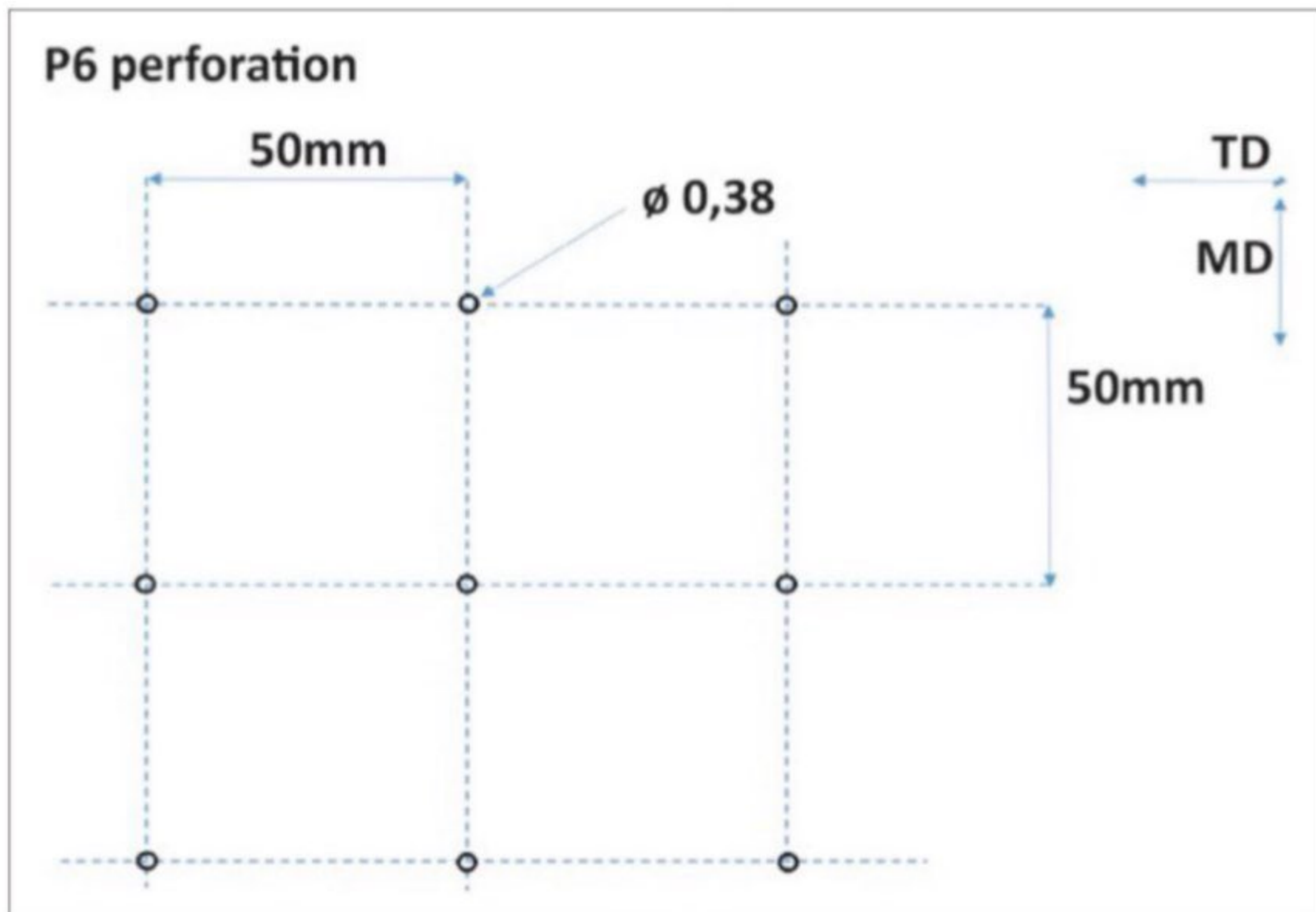
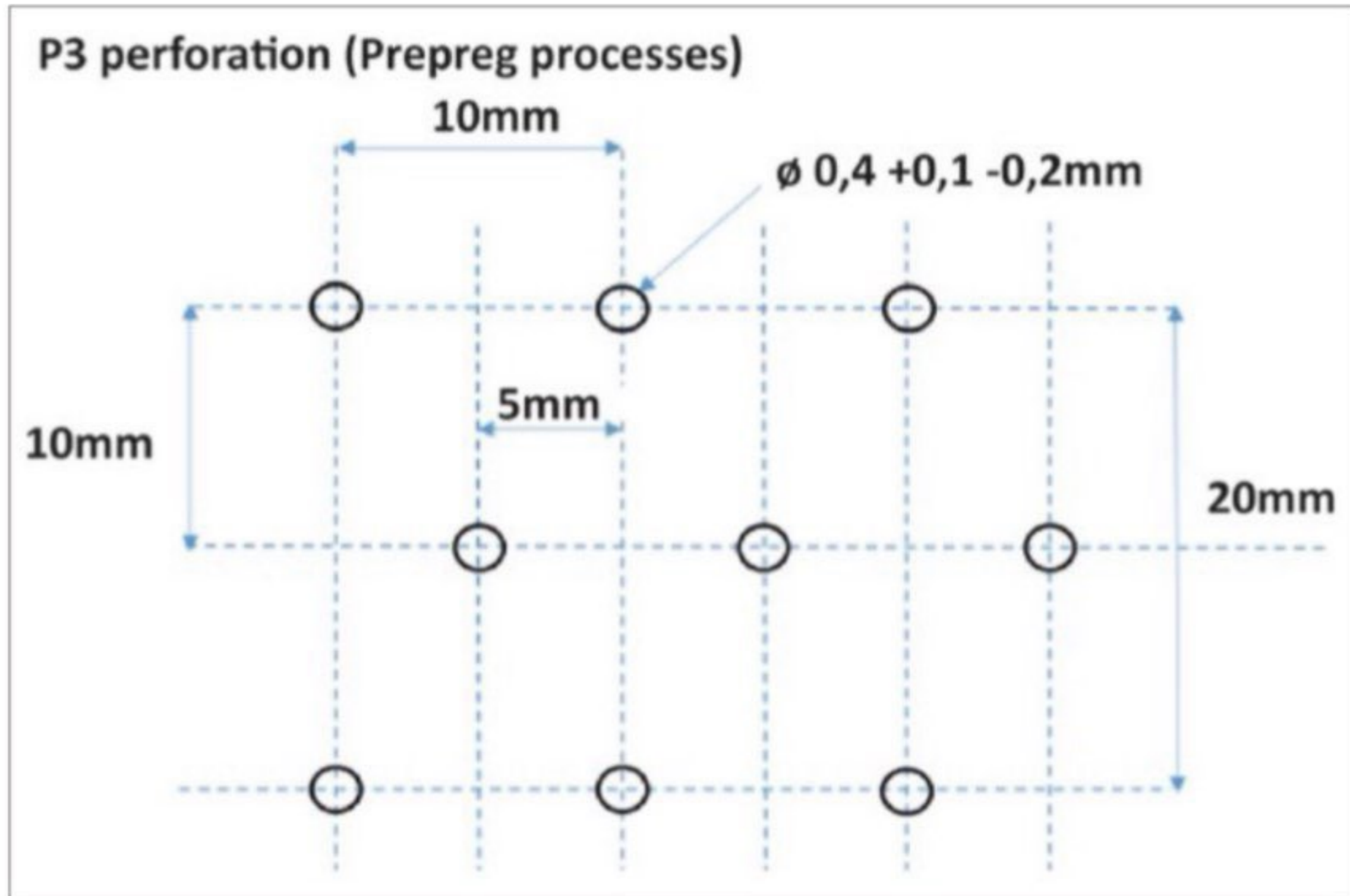


Autoclave

E : Epoxy | PE : Polyester | V : Vinylester | PH : Phenolic

RELEASE FILMS

- OVEN AND AUTOCLAVE PROCESS PERFORATION








RELEASE FILMS

• LOW TEMPERATURE

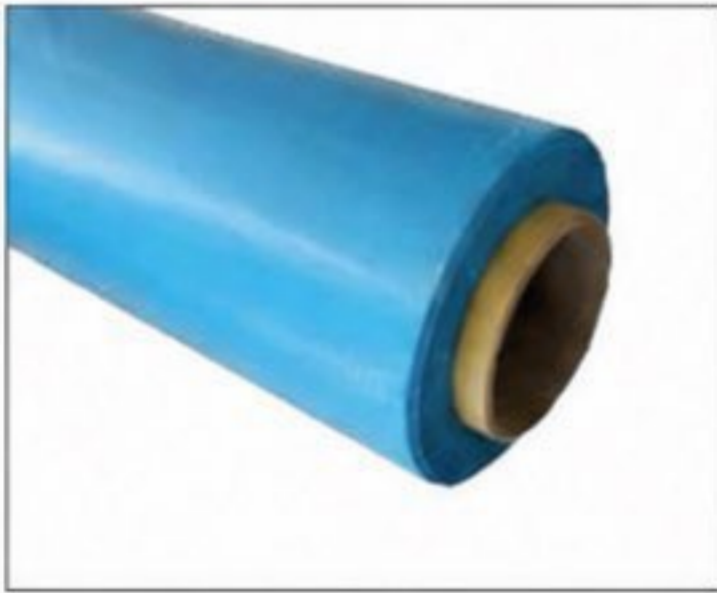
DRT-1R002-OR








	P3				 Max.
ORANGE	P16	1450 mm	500 m	25 µm	127°C
	P31				
	NP				

DRT-1R002-OR is obtained through hot needle perforation process and used in vacuum infusion process. Good stiffness and high tensile strength.

DRT-1R302-SB






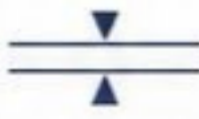

	P3				 Max.
SKY BLUE	P16	1500 mm	250 m	28 µm	127°C
	P31				
	NP				

DRT-1R302-SB is obtained through hot needle perforation process and used in vacuum infusion process. Enhanced mechanical properties and high tensile strength.

• MEDIUM TEMPERATURE

DRT-1R761-PK



	P3				 Max.
PINK	P6	1500 mm	250 m	30 µm 50 µm 75 µm	158°C
	P31				
	P16				
	NP				






DRT-1R761-PK is a pink release film suitable for both resin infusion and prepreg processing. This product is compatible with all commonly used resin systems. In the non-perforated version can work as self-releasing vacuum bagging film in debulking operations.

RELEASE FILMS

• LOW TEMPERATURE

DRT-1R212-YL






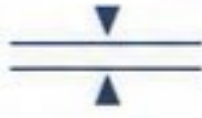

	P3				 Max.
YELLOW	P31	1500 mm	250 m	30 μ m 45 μ m	150°C
	P16			50 μ m	
	P6				
	NP				

DRT-1R212-YL is a medium temperature, highly flexible release film, suitable for use with epoxy pre-preg up to 150°C as well as in resin infusion applications with a wide range of resin systems.

• HIGH TEMPERATURE

DRT-1R006PMP-PK




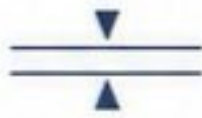



	P3				 Max.
PINK	P6	1500 mm	250 500 m	30 μ m	200°C
	NP				

DRT-1R006PMP-PK is a polymethyl pentene (PMP) release film suitable for processing advanced composite components in autoclave. It features extremely good release properties and is ideal for use on a flat or single curvature moldings.

DRT-1R009FEP-RD



	P3				 Max.
RED	P6	1220 mm	305 m	13 μ m 20 μ m	260°C
	NP	1530 mm	153 m	25 μ m	

DRT-1R009FEP-RD is a high temperature FEP release film suitable for processing advanced composite components in autoclave. This film is compatible with all prepreg systems (including epoxy, polyester, BMI and phenolic), due to its high thermal stability. DRT-1R009FEP-RD guarantees a smooth finish.

RELEASE FILMS

DRT-1R109ETFE-BL



BLUE

P3

P6

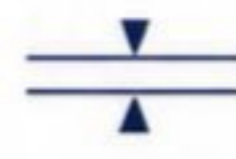
NP



1530 mm



153 m



15 µm | 20 µm
25 µm

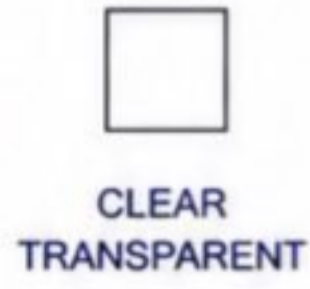


230°C

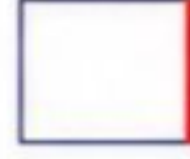
DRT-1R109ETFE-BL is the standard film for high temperature curing of advanced composite structures. Its high strength and toughness, coupled with excellent release properties make it ideal for use with all commonly used resin systems in both oven and autoclave cures.

MASKING FILMS

DRT-1MF002-CL10VS4000-150



CLEAR
TRANSPARENT



4000 mm



150 m



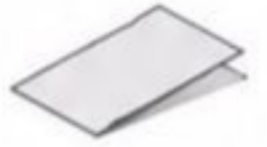
10 µm



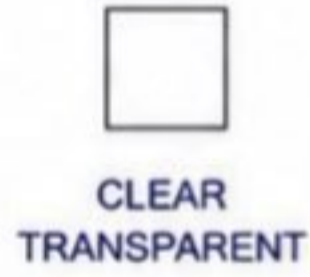
Max.

125°C

DRT-1MF002-CL10VS4000-150 is a premium transparent masking film designed for vehicle and marine bodywork painting and reworking applications.



DRT-1MF831-CL18GS1700-100



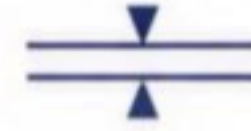
CLEAR
TRANSPARENT



1700 mm



100 m



30 µm



Max.

180°C

DRT-1MF831-CL18GS1700-100 is a coextruded transparent film, developed for high temperature masking film application.



DRT-1MF302-GR17VS2000-100



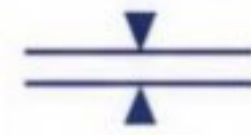
GREEN



2000 mm



100 m



17 µm



Max.

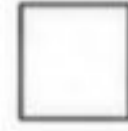
130°C

DRT-1MF302-GR17VS2000-100 is a green coextruded film developed for masking film applications. The film is corona treated and paint absorbing on one side.



THERMOSHRINKING FILMS

DRT-1SF052-W



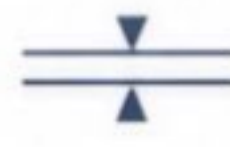
WHITE



6 - 12 m



customizable



200 | 250
300µm



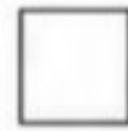
80°C

DRT-1SF052-W is a white colored high puncture resistance LDPE thermoshrinkable UV resistant cover film designed for a wide range of applications such as protection of boats and other equipment during transport. The film is UV resistant at least 12 months in Central Europe weather conditions. This product is a coextrusion of virgin raw material (no recycled material used).

Centrally slit



DRT-1SFTAPE-72X33-W



WHITE



72 mm



33 m



230 µm



80°C

DRT-1SFTAPE-72X33-W is a white colored heavy duty polyethylene tape, single coated with a synthetic rubber pressure sensitive adhesive.

Suitable for repairs, masking, building and splicing applications also in agricultural or marine sectors due to its UV resistance, good conformability to irregular surfaces and water-tight sealing properties.

Apply on clean, dry and degreased surfaces at temperatures over 18°C for best results.