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VACUUM CONSUMABLES EX-STOCK AVAILABILITY

We can also supply material to your exact specifications, so if you find it is not listed please contact us. For an up to date listing of all products and services we supply refer to our web site, www.lavender-ce.com.

NOTE: For Aerospace vacuum consumables please refer to our Aerospace Materials Product List.

VACUUM BAGGING FILM

	Max. Use Temp	Format (see below)	Thickness (mm)	Width (mm)	Product Code	Roll Length
CAPRAN 77C						
Clear low cost cast nylon film used in de-bulking and low temp. cures.	93°C	SHT	0.050	2134	CAPRAN77C	10m 50m
VACFILM 430						
High stretch elastomeric bagging film suitable for debulking and oven curing.	120°C	SHT	0.050	2050	VACFILM430	10m 50m
ELASTOMAX						
High elongation and highly conformable nylon film.	200°C	LFT	0.050	102 152	ELASTOMAX24 ELASTOMAX26	~150m
VACFILM 450V						
Excellent all round tough but flexible film. Supplied as lay flat tube, ideal for envelope bagging, or as V-sheet.	200°C	LFT	0.050	300	VACFILM450V212LFT	10, 50m 500m
				460	VACFILM450V218LFT	10, 50m 500m
				600	VACFILM450V224LFT	10, 50m 500m
				900	VACFILM450V236LFT	10, 50m 500m
				1200	VACFILM450V248LFT	10, 50m 300m
				1500	VACFILM450V260LFT	10, 50m 300m
				2000	VACFILM450V280LFT	10, 50m 250m
	LTX	0.076	4600	VACFILM450V390LTX	92.1m	
VACFILM 400Y						
Tough high elongation bagging film. Supplied as ultra wide lay flat tube and sheet.	150°C	GT GSC GSC	0.075 0.075 0.065	3000 8000 10500	VACFILM400Y3120GT VACFILM400Y3160GSC VACFILM400Y2.6207GSC	130m 130m 100m
CAPRAN 518						
Excellent all round nylon film. Supplied as lay flat tube, ideal for envelope bagging, or as V-sheet.	200°C	LFT LTX LFT LTX	0.050	1524 3048 2032 4064	CAPRAN518260LFT CAPRAN518260LTX CAPRAN518280LFT CAPRAN518280LTX	~250m ~250m ~180m ~180m
HS8171						
High performance co-extruded nylon film. Supplied as sheet.	205°C	SHT	0.076	1828	HS8171372SHT	198.1m

Formats:

SHT – Sheet
 LFT – Lay Flat Tube (can be slit down one side to provide double width sheet)
 LTX – V-Sheet (lay flat tube that has been pre slit down one edge)
 GT – Gusseted Lay Flat Tube (can be slit down one side to provide double width sheet)
 GSC – Gusseted and Slit

SEALANT TAPE

	Max. Use Temp	Colour	Roll Dimensions	Product Code	Rolls Per Box
LTS90B Low cost tape suited to debulking and envelope bagging applications.	150°C	Black	15mx12mmx3mm	LTS90B	5 22
SM5142 Industry standard for cure temperatures up to 205°C continuous.	205°C	Yellow	9.14mx12mmx3mm	SM5142	5 32
SM5143 Higher tack version of SM5142.	205°C	Yellow	7.62mx12mmx3mm	SM5143	5 40

RELEASE FILM

	Max. Use Temp	Perforations	Roll Width	Product Code	Roll Length
B2000 Low cost release film for debulking and low temp. cures.	100°C	P9	1000mm	B2000P9	10m 50m
		P3	1250mm	B2000P3	10m 50m
A2200 Inexpensive flexible release film suitable for infusion processing.	120°C	P31	1300mm	A2200HOTOP31251.3	10, 50m 400m
A2000 Inexpensive release film suitable for infusion processing involving flat or simple curvature components.	155°C	P3	200mm	A2000RP350.200	400m
		P16	1500mm	A2000RP1605015	10m, 50m 300m
HALAR High elongation release film ideal for use in vacuum/autoclave processing.	160°C	NP	1220mm	HALARWNP	10, 50m 183m
		P3	1220mm	HALARWP3	10, 50m 183m
A2500 Inexpensive high temp. release film suitable for flat and simple curvature components.	200°C	NP	1370mm	A2500RNP301372	10m 50m
		P3	1100mm	A2500RP3	10m 50m
A6200 High performance ETFE fluoropolymer release film. Exhibits excellent release characteristics and high elongation.	232°C	NP	1270mm	A6200BNP	10m, 50m 152.4m
		P3	1270mm	A6200BP3	10m, 50m 152.4m
A5000 High performance FEP release film with high elongation and temperature capabilities.	260°C	NP	1270mm	A5000VNP	10m, 50m 152.4m
		P	1270mm	A5000VP	10m, 50m 152.4m

BLEEDER / BREATHER FABRIC

	Weight (nominal)	Max. Use Temp	Roll Width	Product Code	Roll Length
AIRBLEED 120 / A3000-4 Light weight polyester breather/bleeder for low pressure cures. Good drapeability.	120gsm	205°C	1520mm	AIRBLEED120 or A3000-4	10m 100m (AIRBLEED120) 91.4m (A3000-4)
AIRBLEED 200 / A3000-7 Medium weight polyester breather/bleeder for low pressure cures. Good drapeability.	200gsm	205°C	1520mm	AIRBLEED200 or A3000-7	10m 100m (AIRBLEED200) 45.7m (A3000-7)
AIRBLEED 10 / RC3000-10 Heavy weight polyester breather/bleeder for high pressure cures.	330gsm	205°C	1520mm	AIRBLEED10 or RC3000-10	10m 50m (AIRBLEED10) 45.7m (RC3000-10)

Note: Dependant on stock at time of order placement we reserve the right to substitute either product in each areal weight category.

INFUSION MESH / REUSABLE BREATHER

	Max. Use Temp	Roll Width	Product Code	Roll Length
V11				
Blue knitted infusion mesh. Good drapeability.	80°C	1000mm	V11	10m 100m
V12				
Green HDPE infusion mesh. Diamond mesh pattern.	80°C	1200mm	V12	10m 50m
V110				
Translucent knitted infusion mesh. Good drapeability.	80°C	2000mm	V110	62.5m

RELEASE FABRIC

	Max. Use Temp	Roll Width	Colour	Product Code	Roll Length
A100					
Porous nylon 6-6 peel ply. Coarse weave pattern, 80gsm fabric weight.	180°C	1520mm	White with Red Tracer	A100PS	10m 100m
		200mm	Fluorescent Green	A100FLOGREEN/200	100m
		1520mm	Fluorescent Green	A100FLOGREEN	10m 100m
B100					
Porous nylon 6-6 peel ply. Fine weave pattern, 60gsm fabric weight.	180°C	1520mm	White	B100	10m 100m
C100B					
Porous polyester peel ply. Fine weave pattern, 60gsm fabric weight.	120°C	1200mm	Light Blue	C100B	50m
FF03A					
Non porous, PTFE coated glass release fabric. Ideal as multiple use release liner.	320°C	1000mm	Tan	FF03A	Cut to Length
200TFNP					
Non porous TFE coated glass release fabric. Coarser finish than FF03A.	288°C	965mm	Tan	200TFNP	Cut to Length
200TFP					
Porous TFE coated glass release fabric. Will allow excess resin, volatiles, and trapped air to bleed through	288°C	965mm	Tan	200TFP	Cut to Length

FLASH / RELEASE TAPE

	Max. Use Temp	Roll Width	Product Code	Roll Length
FLASHTAPE 1				
General purpose, medium weight blue polyester tape.	200°C	25mm 50mm	FTAPE1/25 FTAPE1/50	66m
FLASHTAPE 5				
General purpose, heavy weight blue polyester tape.	200°C	25mm 50mm	FTAPE5/25 FTAPE5/50	66m
FLASHTAPE 1R				
General purpose, medium weight green polyester tape with rubber adhesive.	200°C	25mm	FTAPE1R/25	66m
LE TAPE				
General purpose, high modulus PTFE tape.	230°C	25mm	LETAPE/25	33m
TOOLCOAT 805S				
TFE coated glass release tape.	288°C	25mm	TOOLCOAT805S/25	16.5m

SELF ADHESIVE TOOL RELEASE

	Max. Use Temp	Roll Width	Product Code	Roll Length
FF05AP				
Self adhesive PTFE coated glass fabric. Gives a durable non-contaminating release surface.	180°C	1000mm	FF03A	Cut to Length

SHRINK TAPE

	Max. Use Temp	Roll Width	Product Code	Roll Length
SHRINK TITE TAPE				
High shrink polyester tape. Thickness – 0.05mm.	200°C	32mm 64mm	STT125 STT205	91.4m

VACUUM FITTINGS

	Max. Use Temp		Thread Size	Product Code
VACUUM BREACH UNIT				
2 piece units with bayonet or threaded attachment. 50mm base diameter	250°C	Connection Style		
		Bayonet	1/4" NPT	HCS1418
		Threaded (with cutting edge)	1/4" BSP	VBU25TP2
NON RETURN SOCKET / PLUG UNITS				
Feature viton high temp. seals and spring operated valves for positive shut off.	250°C	Body Material		
		Brass	1/4" BSP	SOC25BSPB PLUG25BSPB
SILICON RUBBER VACUUM HOSE				
Internal spring reinforced hose for use in both oven and autoclave conditions. Brass threaded ends.	200°C/ 170psi	Colour	Dimensions	
		Blue	Ø7.9mm ID Ø18mm OD	1/4" BSP
				SILHOSE INTSPRING HOSEND25BSP
VACUUM GAUGE				
Fluid filled vacuum gauge. Indicates 0-30" Mercury.		Gauge Surround		
		N/A	1/4" BSP	VACGAUGE
		Rubber	1/4" NPT	VACGAUGE10
VACUUM VENTURI				
Uses compressed air to create a vacuum. Supplied with muffler.			1/4" BSP	SEG10HS

VACUUM INFUSION FITTINGS

	Size	Material	Product Code	Minimum Order Quantity
VACUUM BAG PORT				
1 piece unit applied to outside of bag with non threaded hole to suit 13mm NB resin/vacuum line.	60mm OD 15mm ID	Polyethylene	INF-VBP60	10
VACUUM GAUGE PORT				
1 piece unit applied to outside of bag with threaded hole to mount vacuum gauge or threaded fittings.	60mm OD 1/2" BSP	Polyethylene	INF-VGP60	5
SYRINGE / NEEDLE				
Used to supply resin to starved areas during the infusion process. Heavy gauge needle provides high resin flow rate.	Ø20mm		INF-SY20	5
	16G		INF-SYNEEDLE16	10
SYRINGE PORT				
Connects 20mm syringe to 13mm NB resin line.		Polyethylene	INF-SYPORT	2

Note:

The user will determine the suitability for use of these products. The recommendations / data given above are based on information we believe to be accurate. They are intended to be used only as a guide for selection for end-use evaluation and do not constitute a product specification. Lavender CE cannot assume responsibility for results obtained by use of these products as we have no control over end-use applications or handling. Lavender CE therefore specifically disclaims any damage or loss of any kind in relation to the use of these products.