



REVISION RECORD

ISSUE	DATE	DESCRIPTION
BC	2015-04-14	SHEET 1: REVISION TABLE UPDATED, SHEET "1", "8" AND "15" HAVE BEEN RAISED AT ISSUE "BC", "K" AND "C" RESPECTIVELY. SHEET 8: REVISED: "L 530 (VC) RELEASE PLY F" WAS "L 530 (PEEL PLY F)" "CYTEC INDUSTRIES" WAS "JD LINCOLN" SHEET 15: APPROVED VENDORS LISTING: "CYTEC INDUSTRIES, WINONA, MN, USA" WAS "JD LINCOLN, COSTA MESA, CA, USA"
BD	2015-08-05	SHEET 1: REVISION TABLE UPDATED, SHEET "12" AND "13" HAVE BEEN RAISED AT ISSUE "F" AND "M" RESPECTIVELY. REF: RFC 3000102876
BE	2015-08-31	SHEET 5: ADDED NEW TABLE 7 FOR RELEASE FILM NON PERFORATED (DSC234-5A) / ALL TABLE NUMBERING REVISED WITH NO CHANGE TO TEXT
BF	2016-02-02	SHEET 9, TABLE 17: ADDED: "AX-3112T-RLSPT-60 RC 50" AND "AXIOM MATERIALS INC." SHEET 17, APPROVED SOURCE OF SUPPLY, ADDED: AXIOM MATERIALS INC., SANTA ANA, CA, USA
BG	2016-07-07	SHEET 9, TABLE 18: ADDED: UNDER VENDOR DESIGNATION "MS-143H" AND UNDER VENDOR "MILLER-STEPHENSON" REF: RFC D400459
BH	2019-04-11	SHEET 12: ADDED GS-213-3 TO TABLE 23.
BJ	2019-08-06	REDRAWN WITH DT4087 -A TEMPLATE. PAGE 1: ADDED REVISION RECORD TABLE. LIST OF CURRENT SHEETS DELETED. ALL SHEETS AT ISSUE BJ. PAGE 10, TABLE 18: DSC234-13-5 WAS: MS-143H, NOW: MS-143XD (REF. RFD D003033). DELETED PARTING AGENT 13. PRODUCT DISCONTINUED IN 2016; 12 MONTH SHELF LIFE. (REF. RC D400459) FREKOTE 44-NC WAS FREEKOTE 44-NC. FREKOTE 700-NC WAS FREEKOTE 700-NC. DSC234-13-3 & DSC234-13-4 MANUFACTURER WAS: FREKOTE. NOW: HENKEL DSC234-14 MANUFACTURER WAS: FREKOTE. NOW: HENKEL PAGE 16, APPROVED SOURCE OF SUPPLY: HENKEL CORPORATION WAS: FREKOTE INC.

Dimensions are shown in inches

MATERIALS, EXPENDABLE, COMPOSITE MANUFACTURE

DSC234

ISSUE: BJ

DATE: 2019-09-04

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COMPILED BY ENGINEERING STANDARDS, DE HAVILLAND

NOTES:

1. Source Control Drawing:

Only the item(s) listed on this drawing and identified by vendor's name(s), address(es) and part number(s) have been approved for use in De Havilland Aircraft. A substitute item shall not be used without prior approval by De Havilland Engineering Standards.

TABLE 1: DSC 234 - MATERIALS, EXPENDABLE, COMPOSITE MANUFACTURE

DSC PART NUMBER	DESCRIPTION	TABLE	SHEET
234-1	VACUUM BAGGING FILM, NYLON, 250°F CURE CYCLE	2	4
234-2	VACUUM BAGGING FILM, NYLON, 350°F CURE CYCLE	3	4
234-3	VACUUM BAGGING FILM, TUBULAR, NYLON, 250°F CURE CYCLE	4	5
234-4	VACUUM BAGGING FILM, TUBULAR, NYLON, 350°F CURE CYCLE	5	5
234-5	RELEASE FILM, PERFORATED (PIN PRICK)	6	6
234-5A	RELEASE FILM, NON PERFORATED	7	6
234-6	RELEASE FABRIC, POROUS	8	7
234-7	RELEASE FABRIC, NON-POROUS, MAX TEMP 450°F	9	7
234-8	RELEASE FABRIC, NON-POROUS, MAX TEMP 500°F	10	7
234-9	BREATHING/BLEEDER CLOTH, NON-WOVEN POLYESTER, MAX PRESS 50 PSI	11	8
234-10	BREATHING/BLEEDER CLOTH, NON-WOVEN POLYESTER, MAX PRESS 100 PSI	12	8
234-11	BREATHING/BLEEDER CLOTH, NON-WOVEN POLYESTER, FIRE RETARDANT	13	8
234-12	RELEASE PLY, 350°F CURE MAX	14	9
234-12-1	PARCHMENT PAPER, 250°F CURE	15	9
234-12-2	PARCHMENT PAPER, PHENOLIC PARTS	16	9
234-12-3	PEEL PLY, PRE-IMPREGNATED	17	10
234-13	RELEASE AGENT, LIQUID	18	10
234-14	MOULD SEALER, LIQUID	19	10
234-14-1	SPRAY ADHESIVE	20	11
234-15	TAPE, PRESSURE SENSITIVE ADHESIVE, HIGH TEMPERATURE	21	11

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TABLE 1: DSC 234 - MATERIALS, EXPENDABLE, COMPOSITE MANUFACTURE (CONT.)

DSC PART NUMBER	DESCRIPTION	TABLE	SHEET
234-16	TAPE, DOUBLE SIDED	22	12
234-17	SEALANT,VACUUM BAG	23	12
234-18	TABLE TOP, CUTTING	24	12
234-19	BARRIER/RELEASE FILM, NON-PERFORATED	25	13
234-20	TAPE, FIBERGLASS, PRESSURE SENSITIVE ADHESIVE	26	13
234-21	ELASTOMERIC INTENSIFIER	27	14
234-22	THERMOCOUPLE WIRE	28	14
234-23	THERMOCOUPLE PLUG	29	14
234-24	THERMOCOUPLE EXTENSION WIRE	30	15
234-25	THERMOCOUPLE JACK	31	15
234-26	VACUUM BAGGING FILM, POLYVINYL ALCOHOL, 250°F CURE CYCLE	32	15
234-27	RELEASE TAPE, PRESSURE SENSITIVE, PTFE, HIGH TEMPERATURE	33	15

NOTE: ITEMS INCLUDED IN DSC234 ARE REQUIRED IN PRODUCTION OF COMPOSITES AS REFERENCED IN PPS 10.35, 10.38, 10.40, 10.43, 10.48 AND 10.59.

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TABLE 2: VACUUM BAGGING FILM, NYLON, 250°F CURE CYCLE

USAGE:	BAGGING FILM. FOR 250°F CURE CYCLES. 50 PSI MAX. AVL IN 54" AND 72" WIDTHS AND SEAMLESS LENGTHS.			
SHELF LIFE	12 MONTHS FROM DATE OF MANUFACTURE			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-1-54 DSC234-1-72	CAPRAN 518 FILM	GREEN	2 MIL	RICHMOND AIRCRAFT PRODUCTS
	CAPRAN 988 FILM	GREEN	2 MIL	
	VAK PAK HS-8171 (NYLON 6)	BLUE/ GREEN	2 MIL	
	IPPLON DP 1000 FILM	ORANGE	2 MIL	AIRTECH INTERNATIONAL INC
	WRIGHTLON 7400 FILM	GREEN	2 MIL	
	WRIGHTCAST 7500R FILM	RED	2 MIL	
	STRETCHLON 700	CREAM	3 MIL	
*LAST DASH NUMBER = WIDTH IN INCHES				

TABLE 3: VACUUM BAGGING FILM, NYLON, 350°F CURE CYCLE

USAGE:	BAGGING FILM. FOR 350°F CURE CYCLES. 100 PSI MAX. AVL IN 54" AND 72" WIDTHS AND SEAMLESS LENGTHS			
SHELF LIFE	12 MONTHS FROM DATE OF MANUFACTURE			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-2-54 DSC234-2-72	VAK PAK HS-8171 (NYLON 6)	BLUE/ GREEN	3 MIL	RICHMOND AIRCRAFT PRODUCTS
	IPPLON WN 1500 FILM	BLUE	3 MIL	AIRTECH INTERNATIONAL INC
	IPPLON DP 1000 FILM	ORANGE	2 MIL	
	WRIGHTLON 8400 FILM	BLUE	3 MIL	
	WRIGHTCAST 8500Y FILM	YELLOW	3 MIL	
	STRETCHLON 800	ORANGE	2 MIL	
*LAST DASH NUMBER = WIDTH IN INCHES				

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TABLE 4: VACUUM BAGGING FILM, TUBULAR, NYLON, 250°F CURE CYCLE

USAGE	BAGGING FILM. FOR 250°F CURE CYCLES. 50 PSI MAX. AVL IN 18” AND 24” FLAT WIDTHS AND SEAMLESS LENGTHS.			
SHELF LIFE	12 MONTHS FROM DATE OF MANUFACTURE			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-3-18 DSC234-3-24	VAC PAK HS-8171 (NYLON 6)	GREEN	2 MIL	RICHMOND AIRCRAFT PRODUCTS
	CAPRAN 518 TUBING	GREEN	2 MIL	
	IPPLON DP 1000 TUBING	ORANGE	2 MIL	AIRTECH INTERNATIONAL INC.
	WRIGHTLON 7400 TUBING	GREEN	2 MIL	
*LAST DASH NUMBER = WIDTH IN INCHES				

TABLE 5: VACUUM BAGGING FILM, TUBULAR, NYLON, 350°F CURE CYCLE

USAGE	BAGGING FILM. FOR 350°F CURE CYCLES. 100 PSI MAX. AVL IN 18" AND 24" FLAT WIDTHS AND SEAMLESS LENGTHS			
SHELF LIFE	12 MONTHS FROM DATE OF MANUFACTURE			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-4-18 DSC234-4-24	VAC-PAK HS-8171-66 TUBING VAC PAK HS-8171 (NYLON 6)	BLUE / GREEN	3 MIL	RICHMOND AIRCRAFT PRODUCTS
	IPPLON DP 1000 TUBING	ORANGE	2 MIL	AIRTECH INTERNATIONAL INC.
	IPPLON WN 1500 TUBING	BLUE	3 MIL	
	WRIGHTLON 8400 TUBING	BLUE	3 MIL	
*LAST DASH NUMBER = WIDTH IN INCHES				



TABLE 6: RELEASE FILM, PERFORATED (PIN PRICK)

USAGE	RELEASE FILM, ALSO ALLOWS FOR ESCAPE OF AIR AND VOLATILES DURING LAY-UP. MAX SERVICE TEMP 500°F. STANDARD WIDTH 48 INCHES			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-5-36 DSC234-5-48	A5000P3	CLEAR	1 MIL	RICHMOND AIRCRAFT PRODUCTS
	A5000VP3	VIOLET	1 MIL	
	A4000P3	CLEAR	1 MIL	AIRTECH INTERNATIONAL INC
	A4000RP3	RED	1 MIL	
	A4000VP3	VIOLET	1 MIL	
	WRIGHTLON 5200P3	BLUE	1 MIL	
	WRIGHTLON 5200RP3	RED	1 MIL	
*LAST DASH NUMBER = WIDTH IN INCHES				

TABLE 7: RELEASE FILM, NON PERFORATED

USAGE	RELEASE FILM, MAX SERVICE TEMP 500°F. STANDARD WIDTH 48 INCHES			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-5A-36 DSC234-5A-48	A5000	CLEAR	1 MIL	RICHMOND AIRCRAFT PRODUCTS
	A5000V	VIOLET	1 MIL	
	A4000	CLEAR	1 MIL	AIRTECH INTERNATIONAL INC
	A4000R	RED	1 MIL	
	A4000V	VIOLET	1 MIL	
	WRIGHTLON 5200	BLUE	1 MIL	
	WRIGHTLON 5200R	RED	1 MIL	
*LAST DASH NUMBER = WIDTH IN INCHES				



TABLE 8: RELEASE FABRIC, POROUS

USAGE	BREATHABLE FABRIC, MAX SERVICE TEMP 500°F. STANDARD WIDTH 38 INCHES			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-6-38	200 TFP	N/A	2 - 3 MIL	RICHMOND AIRCRAFT PRODUCTS
DSC234-6-48	234TFP			AIRTECH INTERNATIONAL INC
*LAST DASH NUMBER = WIDTH IN INCHES				

TABLE 9: RELEASE FABRIC, NON-POROUS, MAX TEMP 450°F

USAGE	RELEASE FABRIC. MAX SERVICE TEMP 450°F. STANDARD WIDTH 38 INCHES			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-7-38	200 TFNP	N/A	3 MIL	RICHMOND AIRCRAFT PRODUCTS
DSC234-7-48	RELEASE FILM 234TFNP	N/A	3 MIL	AIRTECH INTERNATIONAL INC
*LAST DASH NUMBER = WIDTH IN INCHES				

TABLE 10: RELEASE FABRIC (FOR TOOL SURFACE)

USAGE	RELEASE FABRIC. MAX SERVICE TEMP 500°F. STANDARD WIDTH 36 & 37 INCHES			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-8-36 DSC234-8-37	TOOLCOAT 805	N/A	5 MIL	RICHMOND AIRCRAFT PRODUCTS
	TOOLCOAT 807	N/A	7 MIL	
	TOOLTEC A005	N/A	5 MIL	AIRTECH INTERNATIONAL INC
	TOOLTEC A007	N/A	7 MIL	
*LAST DASH NUMBER = WIDTH IN INCHES				



TABLE 11: BREATHER/BLEEDER CLOTH, NON-WOVEN, POLYESTER, 50 PSI

USAGE	MAX PRESS 50 PSI, 250°F & 350°F CURE CYCLES. STANDARD WIDTH 60 INCHES			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-9-60	BURFLO 75051	N/A	N/A	BURLINGTON IMPRESSION FABRICS
	AIRWEAVE N4	N/A	N/A	AIRTECH INTERNATIONAL INC
	AIRWEAVE N4-FR (FIRE RETARDANT)	N/A	N/A	
*LAST DASH NUMBER = WIDTH IN INCHES				

TABLE 12: BREATHER/BLEEDER CLOTH, NON-WOVEN, POLYESTER, 100 PSI

USAGE	MAX PRESS 100 PSI, 250°F & 350°F CURE CYCLES. STANDARD WIDTH 60 INCHES			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-10-60	BURFLO 75061	N/A	N/A	BURLINGTON IMPRESSION FABRICS
	AIRWEAVE N10	N/A	N/A	AIRTECH INTERNATIONAL INC
	ULTRAWEAVE 1020	N/A	N/A	
DSC234-10-60-1 (NOTE 1)	ULTRAWEAVE 1020	N/A	N/A	
NOTE 1 - FOR USE IN NON-INERT AUTOCLAVE ATMOSPHERES				

TABLE 13: BREATHER/BLEEDER CLOTH, NON-WOVEN, POLYESTER, FIRE RETARDANT

USAGE	MAX PRESS 50 PSI, 250°F & 350°F CURE CYCLES. STANDARD WIDTH 60 INCHES			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-11	AIRWEAVE SS-FR	N/A	N/A	AIRTECH INTERNATIONAL INC
	ULTRAWEAVE 1020	N/A	N/A	



TABLE 14: PEEL PLY, 350°F CURE MAX

USAGE	PROVIDES SURFACE ON COMPOSITE PARTS FOR BONDING OR FINISHING UP TO 350°F CURE CYCLES			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-12-36	RELEASE PLY F**	WHITE	N/A	AIRTECH INTERNATIONAL INC
DSC234-12-38	RELEASE PLY F - BLUE	BLUE	N/A	
DSC234-12-46	RELEASE PLY F - INTERNATIONAL	ORANGE	N/A	
DSC234-12-60				
DSC234-12-77				
*LAST DASH NUMBER = WIDTH IN INCHES				
**RELEASE PLY F ONLY AVL IN 46 & 60 INCH WIDTHS				

TABLE 15: PARCHMENT PAPER, 250°F CURE

USAGE	PROVIDES SMOOTH SURFACE ON COMPOSITE PARTS - MAX 250°F CURE STANDARD WIDTH 64 INCHES			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-12-1	01484-52	WHITE	N/A	SIBILLE AHLSTROM INC

TABLE 16: PARCHMENT PAPER, PHENOLIC PARTS

USAGE	PROVIDES SMOOTH SURFACE ON COMPOSITE PARTS - PHENOLIC PARTS. STANDARD WIDTH 64 INCHES			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-12-2	01484-52	WHITE	N/A	SIBILLE AHLSTROM INC



TABLE 17: PEEL PLY, PRE-IMPREGNATED

USAGE	PROVIDES SMOOTH SURFACE ON COMPOSITE PARTS - FOR BONDING OR FINISHING STANDARD WIDTH 64 INCHES, RESIN CONTENT 36-38% 50±5% BY WEIGHT			
SHELF LIFE	9 MONTHS 180 DAYS FROM DATE OF SHIPMENT, 210 DAYS FROM DATE OF MANUFACTURE WHEN STORED AT10°F OR BELOW. FOR SHELF LIFE EXTENSION: 1. Perform Gel test, requirement is 2-15 minutes. Also check the tack. 2. First extension 60 days, second extension 30 days and thereafter. 3. Maximum extension 5 times			
OUT TIME	10 DAYS AT 70±5°F, MAX 70% RH			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-12-3	GE306 PEEL PLY F	WHITE	N/A	CULVER CITY
	L-530 (VC) RELEASE PLY F	WHITE or BLUE		CYTEC INDUSTRIES
	AX-3112T-RLSPF-60" RC 50			AXIOM MATERIALS INC.

TABLE 18: RELEASE AGENT, LIQUID

USAGE	USE ON MOULD SURFACE TO FACILITATE REMOVAL OF CURED COMPOSITE PARTS			
SHELF LIFE	12 MONTHS, UNOPENED, FROM DATE OF MANUFACTURE			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-13-3	FREKOTE 44-NC	N/A	N/A	HENKEL
DSC234-13-4	FREKOTE 700-NC			
DSC234-13-5	PARTING AGENT 13			ALPHA/OWENS CORNING
	MS-143XD			MILLER-STEPHENSON

TABLE 19: MOULD SEALER, LIQUID

USAGE	SEAL AND IMPROVE SURFACES OF MOULDS USED IN COMPOSITE FABRICATION			
SHELF LIFE	12 MONTHS, UNOPENED, FROM DATE OF MANUFACTURE			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-14	FREKOTE SEALER B-15	N/A	N/A	HENKEL



TABLE 20: SPRAY ADHESIVE

USAGE	SPRAY ONTO MOULD SURFACES TO TACK DOWN DRY & MAT GLASS FABRIC - DSC241-2			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-14-1	SUPER 77	N/A	N/A	3M CANADA

TABLE 21: TAPE, PRESSURE-SENSITIVE ADHESIVE, HIGH TEMPERATURE

USAGE	HOLDING AND MASKING COMPOSITE COMPONENTS			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-15-1	FLASHBREAKER 1	BLUE	N/A	AIRTECH INTERNATIONAL INC
	FLASHBREAKER 1R	GREEN	3 MIL	
	FLASHBREAKER 2R		4 MIL	
	FLASHTAPE 1	BLUE	N/A	RICHMOND AIRCRAFT PRODUCTS
	M851	GREEN	N/A	MATRIX TECHNOLOGY LTD
	NO. 8403		N/A	3M CANADA
DSC234-15-3	NO. 8403		N/A	
	M851		N/A	MATRIX TECHNOLOGY LTD
*LAST DASH NUMBER = WIDTH IN INCHES				

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TABLE 22: TAPE, DOUBLE SIDED

USAGE	HOLDING HONEYCOMB CORE DURING MACHINING			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-16-2	AIRHOLD 10 CBS	OFF WHITE	N/A	AIRTECH INTERNATIONAL INC
	VENTURE TAPE 581		N/A	VENTURE TAPE CORP
	3M TAPE 9579		N/A	3M CANADA
*LAST DASH NUMBER = WIDTH IN INCHES				

TABLE 23: SEALANT, VACUUM BAG

USAGE	SEAL VACUUM BAG TO TOOLING - 350°F MAX CURE CYCLE - STD WIDTH = 1/2 INCH			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-17-1* DSC234-17-2**	GS-43MR	N/A	N/A	AIRTECH INTERNATIONAL INC
	GS-100			
	GS-213			
	GS-213-3			
	SM 5127	N/A	N/A	SCHNEE MOREHEAD
* DESIGNATES 1/2 INCH WIDTH				
** DESIGNATES 3/4 INCH WIDTH - SPECIAL ORDER ONLY				

TABLE 24: TABLE TOP, CUTTING

USAGE	REPLACEABLE TABLE TOPS FOR USE IN COMPOSITE SHOP CUTTING AREA			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-18-1	AIRTECH TOOLCAST (48" X 96" URETHANE)	BLUE GREEN	1/2 INCH	AIRTECH INTERNATIONAL INC.
	POLYPROPYLENE SHEET STRESS RELIEVED (48" X 96")	WHITE	3/8 INCH	JOHNSTON INDUSTRIAL PLASTICS

TABLE 25: BARRIER/RELEASE FILM, NON-PERFORATED

USAGE	BARRIER FILM - MAX SERVICE TEMP 500°F			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-19-48	WRIGHTLON 4500	CLEAR	1 MIL	AIRTECH INTERNATIONAL INC
	WL5200	RED	1 MIL 2 MIL 3 MIL	
		BLUE		
	A4000R	RED		
	A4000V	VIOLET		
	A5000	CLEAR	1 MIL	RICHMOND AIRCRAFT PRODUCTS
		VIOLET	1 MIL	
*LAST DASH NUMBER = WIDTH IN INCHES				

TABLE 26: TAPE, FIBERGLASS, PRESSURE SENSITIVE ADHESIVE

USAGE	USED FOR PLY TIE DOWN DURING LAY-UP TO PREVENT PLY MOVEMENT AND CORE SLUMP			
SHELF LIFE	12 MONTHS, UNOPENED, FROM DATE OF MANUFACTURE			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-20-1	CHR GS65	WHITE	N/A	CHR INDUSTRIES
DSC234-20-2			N/A	
DSC234-20-3			N/A	
*LAST DASH NUMBER = WIDTH IN INCHES				

PROCUREMENT INFORMATION:

PROCUREMENT DEPARTMENT SHALL SPECIFY THE DSC NUMBER AND THE MANUFACTURER'S PART NUMBER ON THE PURCHASE ORDER.



TABLE 27: ELASTOMERIC INTENSIFIER

USAGE	PROVIDE SMOOTH FINISH ON BAG SIDE OF COMPOSITE PARTS			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-21	AIRBLANKET	N/A	N/A	AIRTECH INTERNATIONAL INC

TABLE 28: THERMOCOUPLE WIRE

USAGE	THERMOCOUPLING OF COMPOSITE PARTS			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-22-1	J-TYPE TEX/TW-24-JJ	N/A	N/A	THERMO ELECTRIC
DSC234-22-2	K-TYPE TEX/TEX-20-KK	N/A	N/A	
DSC234-22-3	VAC TYPE F8 TYPE J AWG 24	N/A	N/A	TECHNOLOGY MARKETING
	24 GAUGE J-TYPE (SPECIAL LIMITS)	N/A	N/A	PYROMETRIC SERVICES
DSC234-22-4	JJ-TEAB-24 or WJ242516X0	N/A	N/A	EUSTIS CO. INC.

TABLE 29: THERMOCOUPLE PLUG

USAGE	THERMOCOUPLING OF COMPOSITE PARTS			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-23-1	J-TYPE CO-45111	N/A	N/A	THERMO ELECTRIC
DSC234-23-2	K-TYPE CO-45112	N/A	N/A	
DSC234-23-3	J-TYPE WTJ240E00T12X0 SPECIAL LIMITS	N/A	N/A	EUSTIS CO. INC.



TABLE 30: THERMOCOUPLE EXTENSION WIRE

USAGE	THERMOCOUPLING OF COMPOSITE PARTS			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-24-1	J-TYPE TEX/TEX-20-JJ	N/A	N/A	THERMO ELECTRIC
DSC234-24-2	K-TYPE TEX/TEX-20-KK	N/A	N/A	
DSC234-24-3	24 GAUGE J-TYPE (SPECIAL LIMITS)	N/A	N/A	PYROMETRIC SERVICES
DSC234-24-4	WJ20250700, J TYPE	N/A	N/A	EUSTIS CO. INC.
DSC234-24-5	WK20250700, K TYPE	N/A	N/A	

TABLE 31: THERMOCOUPLE JACK

USAGE	INTERNAL WIRING MATERIAL FOR AUTOCLAVE OVENS			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-25-1	J-TYPE CO-45211	N/A	N/A	THERMO ELECTRIC
DSC234-25-2	K-TYPE CO-45212	N/A	N/A	
DSC234-25-3	JILJ-J, TYPE J JACK	N/A	N/A	EUSTIS CO. INC.
DSC234-25-4	JILJ-K, TYPE K JACK	N/A	N/A	

TABLE 32: VACUUM BAGGING FILM, POLYVINYL ALCOHOL, 250°F CURE CYCLE

USAGE	BAGGING FILM FOR 250°F CURE CYCLES.			
DSC PART NUMBER	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-26-1	M1040	N/A	N/A	MONOSOL, LLC

TABLE 33: RELEASE TAPE, PRESSURE SENSITIVE, PTFE, HIGH TEMPERATURE

USAGE	TOOLING BLOCKS (TOOL AIDS) WHERE HIGH ELONGATION & RELEASE IS NEEDED.			
DSC PART NUMBER*	VENDOR DESIGNATION	COLOUR	THICKNESS	VENDOR
DSC234-27-1 DSC234-27-2	TEFLEASE MG2R	LIGHT BROWN	.089 MIL	AIRTECH INTERNATIONAL INC.
* LAST DASH NUMBER = WIDTH IN INCHES				

APPROVED SOURCE OF SUPPLY		
VENDOR'S NAME		ADDRESS
AIRTECH INTERNATIONAL INC.		HUNTINGTON BEACH, CA , USA
BURLINGTON IMPRESSION FABRICS	△1	MONTVALE, NJ, USA
RICHMOND AIRCRAFT PRODUCTS	△1	NORWALK, CA, USA
HENKEL CORPORATION		SEABROOK, NH, USA
CHR INDUSTRIES	△2	NEW HAVEN, CT, USA
VENTURE TAPE CORP	△2	ROCKLAND, MA, USA
3M CANADA CO.		LONDON, ONT ,CANADA
JOHNSTON INDUSTRIAL PLASTICS		TORONTO, ONT, CANADA
THERMO ELECTRIC (CANADA) LTD.		BRAMPTON, ONT, CANADA
TECHNOLOGY MARKETING INC		SALT LAKE CITY, UT, USA
PYROMETRIC SERVICES		SEATTLE, WA, USA
CULVER CITY COMPOSITES CORPS.		LOS ANGELES, CA , USA
SIBILLE AHLSTROM INC		DANVERS, MA, USA
ALPHA/OWENS CORNING (AOC) CANADA INC	△3	GUELPH, ONT, CANADA
EUSTIS COMPANY INC-PYROCOM		LYNNWOOD, WA, USA
MONOSOL LLC	△4	PORTAGE, IN , USA
CYTEC INDUSTRIES		WINONA, MN, USA
SCHNEE-MOREHEAD INC.	△1	IRVING, TX, USA
AXIOM MATERIALS INC.		SANTA ANA, CA, USA

PROCUREMENT INFORMATION:

PROCUREMENT DEPARTMENT SHALL SPECIFY THE DSC NUMBER AND THE MANUFACTURER'S PART NUMBER ON THE PURCHASE ORDER.

DISTRIBUTORS

△1	NORTHERN FIBERGLASS SALES INC.	HAMPTON, NH, USA
△2	MATRIX TECHNOLOGY LTD.	MARKHAM, ON, CANADA
△3	ASHLAND CHEMICAL	MISSISSAUGA, ON, CANADA
△4	GE POLYMERSHAPES	BURNABY, BC, CANADA