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## REVISIONS

CHANGE	ITEM NO	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVED
A	1	Added " + floor supports" under usage column for all applic	JUNE 6/88	J.M.	P.C.		L.K.J.

DSC Part No.	Material	Thickness (in.)	Weight (lb/ft <sup>2</sup> )	Approved Vendor and Part Number		Unit of Measure	Restricted Usage
				EAR	—		
DSC416-1	Dampened, isolation sheet	0.030	0.200	C-1002-03	—	54"x10' rolls	For application to fuselage skins only + floor supports
DSC416-2	Mid temperature damping composite foam with 5 mil aluminum foil back + pressure sensitive adhesive	0.260	0.226	C-3202-25ALPSA	—	27"x48" sheet	
DSC416-3	Damping sheet with 5 mil aluminum foil back + pressure sensitive adhesive	0.050	0.480 nom.	SD-40ALPSA	—	27"x48" sheet	
DSC416-4	Damping sheet with pressure sensitive adhesive	0.045	0.430	SD-40PSA	—	54"x48" sheet	For application to fuselage skins and to the aft face of specific interior furnishings panels (consult M&S for specifics) + floor supports
DSC416-5	Cabin temperature damping composite foam with 5 mil aluminum foil back + pressure sensitive adhesive	0.260	0.250	C-3002-25ALPSA	—	27"x48" sheet	

1. Procurement department shall specify the DSC part no. and the manufacturers part no. on the purchase order.
2. All material shall meet the flammability requirements of FAR 25.853(b) Amendment 25-51.

## Supplier:

EAR  
Division, Cabot Corporation  
7911 Zionsville Road  
Indianapolis, Indiana 46268  
Ph# (317) 872-1111

REQUIREMENTS-UNLESS OTHERWISE SPECIFIED	
GENERAL	LIMITS
1. DIMS ARE IN INCHES	1. DECIMALS
2. SURFACE ROUGHNESS 125 $\sqrt{\text{MAX}}$	1 PLACE $\pm .1$
3. REMOVE SHARP EDGES	2 " $\pm .05$
4. .015 MACHINE PARTS	3 " $\pm .010$
5. EDGE FINISHING OF PARTS IN ACCORDANCE WITH P.F.S. 27-02	2. DIMENSIONS & TOLERANCES APPLY AFTER PLATING
6. THREADS IN ACCORDANCE WITH ISO-5-7742	3. ANGLES $\pm 0^{\circ}30'$
DRAWN	J.MARKO DEC 21/87
CHECKED	P. HARRIS 21/12/87
APPROVED	L.K.J. 04 JAN 88
MTL & STDS	SCHREIBER DEC 21/87
STRESS	
CH. DRAFTN.	
REPORT ALL DRAWING ERRORS TO ENGINEERING	

## 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 by the de Havilland Aircraft Company of Canada for use in DHC aircraft. A substitute item shall not be used without prior approval by the de Havilland Aircraft Company of Canada.

de HAVILLAND  
AIRCRAFT COMPANY  
CANADA

## DRAWING TITLE

SOUND DAMPING  
INSULATION MATERIAL

DWG SIZE	CODE IDENT NO.	DRAWING NO.	RELEASE	REV.
B	71867	DSC 416		A
SCALE	WGT CALC	ACTUAL	SHEET	1 OF 1