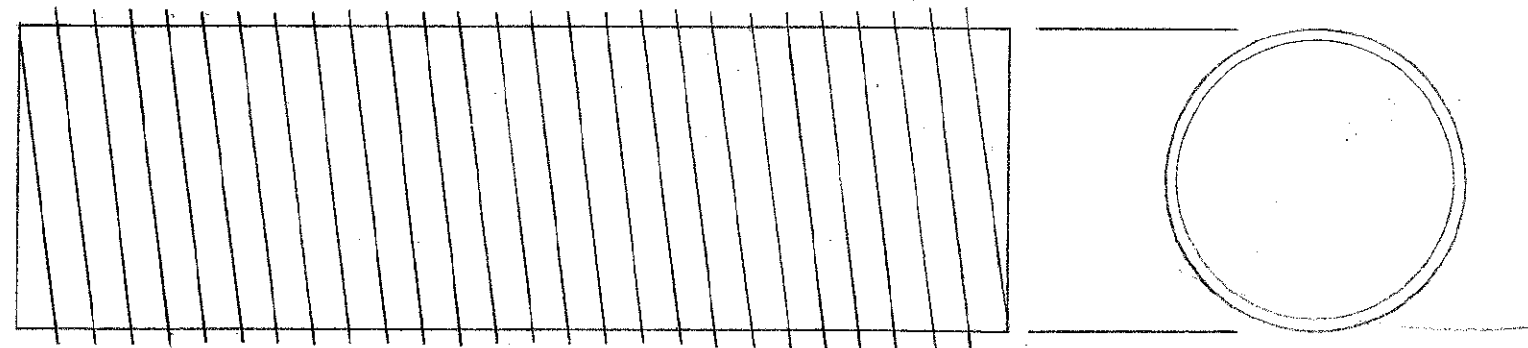


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REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVED
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- There shall be no objectionable odours within noted operation temperatures.
- Specification:
 - Temperature : -65°C to $+200^{\circ}\text{C}$
 - Pressure : 1.5 psi max.
- Material
 - Membrane : Silicone glass cloth
 - Helix : Stainless steel
- First dash number indicates hose diameter in $1/8''$ increments, the second dash number indicates hose length in inches.
- Hose shall meet the Flammability requirements of FAR 25.853(b), Amend. 25.51.
- Leakage - 0.03 C.F.M. per inch diameter, per foot length at 1 psi.
- Hose lengths longer than 60 inches may be spliced together by screwing the ends together.
- Example of part number:

DSC 435-9-120

120" length
1.125" diameter

- Procurement shall specify the DSC and the Vendor Part Numbers on the purchase order.

REQUIREMENTS-UNLESS OTHERWISE SPECIFIED		
GENERAL	LIMITS	
1. DIMS ARE IN INCHES	1. DECIMALS	
2. SURFACE ROUGHNESS	1 PLACE $\pm .1$	
125 $\sqrt{\text{MAX.}}$	2 " $\pm .05$	
3. REMOVE SHARP EDGES	3 " $\pm .010$	
4. .015 MAXIMUM PARTS	2. DIMENSIONS & TOLERANCES APPLY AFTER PLATING	
5. EDGE FINISHING OF PARTS IN ACCORDANCE WITH P.F.S. 37-03	2. ANGLES $\pm 0^{\circ}30'$	
6. THREADS IN ACCORDANCE WITH MIL-S-8774E		

DRAWN	P. LAM	09.03.89
CHECKED	Kronkand	09.03.89
APPROVED	J. B. Garner	09.03.89
MTL & STDS	Amor	9/3/89
STRESS	M. H. H. H.	9/3/89
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 A DEERINGS COMPANY CANADA				
DRAWING TITLE HOSE FLEXIBLE LIGHTWEIGHT EXTERNAL HELIX				
DWG SIZE	CODE IDENT NO.	DRAWING NO.	RELEASE	REV.
B	71867	DSC 435		-
SCALE	WGT CALC	ACTUAL	SHEET	
			1 of 2	

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REVISIONS

CHANGE	ITEM NO	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVED
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DASH NO.	DIA.	BEND RAD. MIN.	WEIGHT LB/FT.	APPROVED VENDORS	
				BAXTER, WOODHOUSE & TAYLOR	
-2	.250	.187	.007	S4-1	
-3	.375	.281	.010	S4-2	
-4	.500	.375	.013	S4-3	
-5	.625	.468	.017	S4-4	
-6	.750	.562	.021	S4-5	
-7	.875	.656	.024	S4-6	
-8	1.000	.750	.028	S4-7	
-9	1.125	.843	.032	S4-8	
-10	1.250	.937	.035	S4-9	
-11	1.375	1.031	.049	S4-10	
-12	1.500	1.125	.053	S4-11	
-13	1.625	1.218	.057	S4-12	
-14	1.750	1.312	.062	S4-13	
-15	1.875	1.406	.066	S4-14	
-16	2.000	1.500	.070	S4-15	
-17	2.125	1.593	.075	S4-16	
-18	2.250	1.687	.080	S4-17	
-19	2.375	1.781	.090	S4-18	
-20	2.500	1.875	.095	S4-19	
-21	2.625	1.968	.100	S4-20	
-22	2.750	2.062	.104	S4-21	
-23	2.875	2.156	.109	S4-22	
-24	3.000	2.250	.114	S4-23	
-25	3.125	2.343	.119	S4-24	
-26	3.250	2.437	.124	S4-25	
-27	3.375	2.531	.129	S4-26	
-28	3.500	2.625	.134	S4-27	
-29	3.625	2.718	.138	S4-28	
-30	3.750	2.812	.143	S4-29	
-31	3.875	2.906	.148	S4-30	
-32	4.000	3.000	.152	S4-31	
-33	4.125	3.093	.157	S4-32	
-34	4.250	3.187	.162	S4-33	
-35	4.375	3.281	.166	S4-34	
-36	4.500	3.375	.171	S4-35	
-37	4.625	3.468	.176	S4-36	
-38	4.750	3.562	.181	S4-37	
-39	4.875	3.656	.186	S4-38	
-40	5.000	3.750	.191	S4-39	
-41	5.125	3.843	.196	S4-40	
-42	5.250	3.937	.200	S4-41	
-43	5.375	4.031	.205	S4-42	
-44	5.500	4.125	.209	S4-43	
-45	5.625	4.218	.214	S4-44	
-46	5.750	4.312	.219	S4-45	
-47	5.875	4.406	.223	S4-46	
-48	6.000	4.500	.228	S4-47	

REQUIREMENTS-UNLESS OTHERWISE SPECIFIED	
GENERAL	LIMITS
1. DIMS ARE IN INCHES	1. DECIMALS
2. SURFACE ROUGHNESS	1 PLACE ± .1
3. REMOVE SHARP EDGES	2 " ± .20
4. REMOVE SHARP CORNERS	3 " ± .50
5. REMOVE SHARP POINTS	2. DIMENSIONS & TOLERANCES APPLY AFTER PLATING
6. PARTS IN ACCORDANCE WITH P.P.S. 27-40	3. ANGLES ± 0° 00'
7. THREADS IN ACCORDANCE WITH MIL-S-7743	

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de HAVILLAND
AIRCRAFT COMPANY
CANADA

DRAWN	P. LAM	09.03.89
CHECKED	K. B. B. B.	09.03.89
APPROVED	M. J. J. J.	09.03.89
MTL & STDS	M. J. J. J.	09.03.89
STRESS	M. J. J. J.	09.03.89
CH. DRAFTN.		

DRAWING TITLE	
HOSE FLEXIBLE - LIGHTWEIGHT EXTERNAL HELIX	
DWG SIZE	CODE IDENT NO.
B	71867
DRAWING NO.	RELEASE
DSC 435	REV.
SCALE	WGT CALC
ACTUAL	SHEET
	2 of 2

REPORT ALL DRAWING ERRORS
TO ENGINEERING