



DASH Nº	INSIDE DIA	BEND RAD MIN	WEIGHT LB/FT	APPROVED VENDORS
-2	.250	.19		BAXTER, WOODHOUSE & TAYLOR
-3	.375	.28		BWT8590-2-L-X
-4	.500	.38		
-5	.625	.47		
-6	.750	.56		
-7	.875	.66		
-8	1.000	.75		
-9	1.125	.84		
-10	1.250	.94		
-11	1.375	1.03		
-12	1.500	1.13		
-13	1.625	1.22		
-14	1.750	1.31		
-15	1.875	1.41		
-16	2.000	1.50		
-18	2.250	1.69		
-20	2.500	1.88		
-22	2.750	2.06		
-24	3.000	2.25		
-26	3.250	2.44		
-28	3.500	2.63		
-30	3.750	2.81		
-32	4.000	3.00		
-34	4.250	3.19		
-36	4.500	3.38		
-38	4.750	3.56		
-40	5.000	3.75		
-44	5.500	4.13		
-48	6.000	4.50		BWT8590-48-L-X

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THERE SHALL BE NO OBJECTIONABLE ODOURS WITHIN NOTED OPERATION TEMPERATURES
SPECIFICATIONS: TEMPERATURE: -65°C TO +100°C
PRESSURE: 1.5 PSI MAX
MATERIAL:

HOSE: MEMBRANE: POLYURETHANE NYLON
HELIX: NYLON
INSULATION: FIBERGLASS BMS 8-48 TYPE 3 CLASS 2 GRADE 'B'.
COVER: BMS 8-142 TYPE 1 CLASS '00' BLACK. (ORCON AN46 BLACK)
TAPE: OT6 2.00 WIDE AND 1.00 WIDE.
USE 2.00 TAPE TO JOINT COVER AND AT EACH ENDS.
USE 1.00 TAPE RADIALLY APPROX. 12" SPACING THRU-OUT LENGTH OF HOSE.
HOSE SHALL MEET THE FLAMMABILITY REQUIREMENTS OF FAR 25.853(b) AMENDMENT 51
LEAKAGE - .03 CFM. PER INCH DIA PER FOOT LENGTH AT 1 PSI.
HOSE LENGTHS LONGER THAN 60 IN. MAY BE SPLICED TOGETHER BY SCREWING THE ENDS TOGETHER.
VENDORS PART NO. AND DSC PART NO. SHALL BE PERMANENTLY INK MARKED ON OUTER SURFACE OF PART.

PART NUMBER CODE:
DSC 470-8-10-X

1 - CUFF ONE END
2 - CUFF BOTH ENDS
LENGTH (IN)
INSIDE DIA (1/8" INCREMENTS)

PROCUREMENT SHALL SPECIFY THE DSC & THE VENDOR PART NUMBERS ON THE PURCHASE ORDER.

BAXTER, WOODHOUSE & TAYLOR - ADLINGTON, MACCLESFIELD, CHESHIRE, ENGLAND SK10-4NJ.

REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVED
A		DSC 470 IS RESTRICTED TO PREMOD BQ101510 AS IT NO LONGER MEETS FLAMMABILITY REQUIREMENTS OF FAR 25.856(a). SEE DSC 580 & 581 FOR POSTMOD. (REF MOD BQ101510)	4 JAN '06	J. MAC COLL	B. EDWARDS		

EXAMPLE PART NUMBER (BW & T)

BWT8590-24-10-2
CUFF BOTH ENDS
LENGTH
I.D.
BASIC Nº

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 BOEING COMPANY CANADA

DRAWN	G. LIBERA	16 SEP 91
CHECKED	P. LAM	26.09.91
APPROVED	M. JAMES	91.10.01
MTL & STDS	K. ROKAMP	19/9/91
STRESS		
CH. DRAFTN.		

REPORT ALL DRAWING ERRORS
TO ENGINEERING

DRAWING TITLE
HOSE, FLEXIBLE,
LIGHT WEIGHT, EXTERNAL HELIX,
WITH CUFF, INSULATED.

DWG SIZE	CODE IDENT NO.	DRAWING NO.	RELEASE	REV.
B	71867	DSC 470	-	A
SCALE	WGT CALC	ACTUAL	SHEET	1 OF 1