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de HAVILLAND
CAGE CODE 71867
DSC STANDARD

SOURCE CONTROL DRAWING

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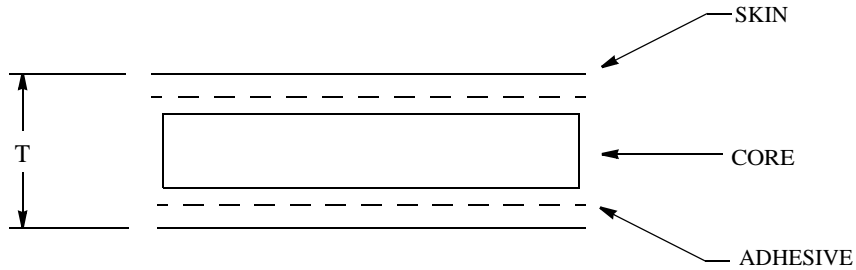


TABLE 1: DSC572 - MATERIAL REQUIREMENTS

MATERIAL	M. C. GILL CORP.	TEKLAM CORP.
SKIN: 2024-T3 Clad Sheet, .010" THK	Etching (F)	Anodized TPS 22-1
ADHESIVE	A193, Proprietary, Modified Epoxy Adhesive	Epoxy Film Adhesive AX-2114-N040 (E)
CORE	5052 Aluminum Honeycomb core, 1/8" cell, 4.5 LB/CU.FT, per AMS 4348	
PROCESS CONTROL DOCUMENT	GPS 4030 (GWI SC-010) (F)	TPCD-AA201-22-500
SIZE	48" x 96" (TOLERANCE $\pm \pm .50"$) , RIBBON IS ON 48" DIRECTION	

TABLE 2: DSC 576 - PANEL, COMPOSITE, 4.5 LB/CU.FT

PART NO.	T THICKNESS (inch) $\pm .010$	VENDOR PART NO.		LONG BEAM FLEXURE (B VALUE) L-DIRECTION (lbs) per ASTM C393 4 point bend 1/4" load	PEEL STRENGTH W-DIRECTION (in-lb/in width) per ASTM D1781 climbing drum	WEIGHT (lb/sq ft) max
		M. C. GILL	TEKLAM			
DSC576-1	0.500	4030-500003AA2N	AA201-22-500	350 @ 20 inch support span	12	0.629

LIST OF CURRENT SHEETS

SHEET	1	2
REVISION	F	A

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	J. MACCOLL	PANEL, COMPOSITE 4.5 LB/CU.FT	DSC 576
CHECKED	B. EDWARDS		
STRESSED	F. LAU		SHEET: 1 of 2
APPROVED	D. PECILE		

REVISION TABLE UPDATED. SHEETS "1" HAVE BEEN RAISED AT ISSUES "F", RESPECTIVELY.
(F) ADDED: "GWI SC-010" (ETCHING PROCESS) TO TABLE 1 "GMS-ANOCGRIP" REMOVED "ETCHING" WAS "ANODIZED"

APPROVED: 15 DEC 2004 REV: A -16 SEP 2005 REV: B - 23 AUG 2010 REV: C - 15 JUL 2012 REV: D - 20 MAR 2013 REV: E - 08 OCT 2014 REV:F - 23 NOV 2015

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NOTES:

1. **FLAMMABILITY REQUIREMENTS:**
 FAR 25.853 appendix F, part I(a)1(i) & (a)2(ii)(iii) - (60 sec. vertical and 30 sec. 45°)
2. **VALUES PER TABLE 2 AND FLAMMABILITY ADHERENCE MUST BE DEMONSTRATED ON A LOT (BATCH) BASIS. TEST ONE PANEL PER LOT MADE. TEST PANEL MUST BE MADE FROM THE SAME LOT (BATCH) OF CORE, PREPREG (IF APPLICABLE), ADHESIVE ETC. ANY CHANGES IN THE ABOVE LOT (BATCH) WILL CONSTITUTE A NEW PANEL LOT, AND WILL REQUIRE A NEW TEST PANEL.**
3. **VENDORS SHALL ISSUE A CERTIFICATE OF COMPLIANCE ALONG WITH A TEST REPORT FOR EACH SHIPSET.**

PROCUREMENT INFORMATION:

PROCUREMENT DEPARTMENT SHALL SPECIFY THE DSC NUMBER AND THE MANUFACTURERS PART NUMBER ON THE PURCHASE ORDER.

APPROVED VENDORS ADDRESSES AND CAGE CODES:

M. C. GILL CORPORATION
 4056 EASY STREET
 EL MONTE, CA 91731-1054
 USA
 CAGE CODE: 22457

Ⓐ TEKLAM CORPORATION
 350 W RINCON ST.
 CORONA, CA 92880
 USA
 CAGE CODE: 0M5M7

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	E. DANESH	PANEL, COMPOSITE 4.5 LB/CU.FT	DSC 576
CHECKED	B. EDWARDS		
STRESSED	N/A		SHEET: 2 of 2
APPROVED	B. EDWARDS		

Ⓐ TEKLAM CORPORATION ADDRESS UPDATED

REV: REV: REV: REV: A - 20 MAR 2013 REV: 23 AUG 2010