



# EN-	007-0238
NAME:	Engineering
REV:	NC

Engineering Note

SUBJECT: NASA APPROVAL OF CICOIL FLEXX-SIL MATERIAL

NASA has tested and approved the use of CICOIL's Flexx-Sil cables as a spacecraft material rated for spacecraft use. NASA engineers were provided NASA's official Code List Of Approved Manufacturers that includes CICOIL's Flexx-Sil material for use in spacecraft applications.

NASA's outgassing test data for CICOIL Flexx-Sil material was obtained using test ASTM E 595-77/93 "Total Mass Loss (TML) and Collected Volatile Condensable Materials (CVCM) from Outgassing in a Vacuum Environment". Materials having a value of 1% TML or less, and 0.1% CVCM or less, are described by NASA as "Low Outgassing". The data is listed on the following website: <http://outgassing.nasa.gov>.

NASA Approval Code for CICOIL: CIC

DETAILS

NASA Outgassing specification.....Spec 1124
 Standard Test Method for TML and CVCM.....ASTM E595-77/93

TEST EXECUTED BY:

NASA, Goddard Space Flight Center (GSFC)
 NASA, Standard Research Center (SRI)
 NASA, JPL

NOTES:

1. Outgassing certificates available upon request.
2. Additional outgassing fee may apply, contact CICOIL for details.
3. Test data located in NASA Outgassing Data for Spacecraft Materials - CO# 60627.

Please contact CICOIL for more information.



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