

NASA Outgassing

Materials that are subject to outgassing as defined by NASA Goddard Space Flight Center, have been verified and tested via independent laboratories for product used by

Winchester Interconnect Micro, formerly known as Ulti-Mate Connector, materials subject to Outgassing in Space consist of organic materials (Plastics, Rubbers, Epoxies, Inks, etc.)

The materials used by Winchester Interconnect Micro that are used for Space Applications have passed ASTM E595 testing and have Total Mass Loss (TML) of 1.0 % or less and Collected Volatile Condensable Materials (CVCM) of 0.1% or less. Additionally, Water Vapor Regain

(WVR) is also measured although not required for NASA compliance.

These materials consist of the PPS and LCP insulators for front and backshells, Fluorosilicone interfacial seals, potting compounds and marking inks, in addition to wire and cable insulation material, shrink tubing, tapes and labels.

NASA Outgassing Website: outgassing.nasa.gov