



Certificate of Test Compliance

Worked Performed For:

Pelican Products
23215 Early Ave.
Tustin, CA 90505

Job No. 10583

Contract No. N/A

Purchase Order No. 4500275880 ; 4500273821

Date 03/31/2023

Low Temperature Test

Test Requirements:

Kelly Space & Technology Inc. certifies that the Case, Part No. 1300 - 10.67" L x 9.76" W x 6.89" H was subjected to Low Temperature per DEF STAN 81-41 Part 3/4 Par. 21.

Temperature: $-51^{\circ}\text{C} \pm 2^{\circ}\text{C}$

Duration: 16 ± 0.5 hours after specimen has reached test temperature or 7 days ± 1 hour if time required for the package to attain the temperature cannot be assessed.

The testing was completely and correctly performed in accordance with DEF STAN 81-41 Part 3/4 Par. 21. specifications. Complete test results are documented in Kelly Space & Technology, Inc. Test Report No. 10583.

Test Summary:

Place the test specimen in a test chamber on the face on which it normally is expected to be transported or stored. Install a thermocouple on the test specimen, Decrease the chamber temperature to $-51^{\circ}\text{C} \pm 2^{\circ}\text{C}$ at a rate not to exceed 3°C per minute. Maintain the chamber at $-51^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for either:

- 1) 16 ± 0.5 hours after specimen has reached test temperature or
- 2) 7 days ± 1 hour if time required for the complete package to attain the temperature cannot be assessed.

Return the chamber temperature to ambient conditions at a rate not to exceed 3°C per minute.

Perform visual examination. The package is considered to have failed if it is unserviceable or is affected in any way which would potentially cause the test specimen to become unserviceable.

All testing was performed per the test requirements and test summary stated above. There was no visible damage to the test specimen upon completion of testing.

ISO Certification

Available Upon
Request

Prepared by:

Farrah Morones, Environmental Test
Operations Manager

Approved By:

Mike Gallo, CEO & President



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Date 04/07/2023

Low Temperature Test

Test Requirements:

Kelly Space & Technology Inc. certifies that the Case, Part No. 1595 - 17.79" L x 10.63" W x 28.51" H was subjected to Low Temperature per DEF STAN 81-41 Part 3/4 Par. 21.

Temperature: $-51^{\circ}\text{C} \pm 2^{\circ}\text{C}$

Duration: 16 ± 0.5 hours after specimen has reached test temperature or 7 days ± 1 hour if time required for the package to attain the temperature cannot be assessed.

The testing was completely and correctly performed in accordance with DEF STAN 81-41 Part 3/4 Par. 21.specifications. Complete test results are documented in Kelly Space & Technology, Inc. Test Report No. 10583.

Test Summary:

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Low Temperature Test

Test Requirements:

Kelly Space & Technology Inc. certifies that the Case, Part No. 1700 - 38.45" L x 16.38" W x 6.14" H was subjected to Low Temperature per DEF STAN 81-41 Part 3/4 Par. 21.

Temperature: $-51^{\circ}\text{C} \pm 2^{\circ}\text{C}$

Duration: 16 ± 0.5 hours after specimen has reached test temperature or 7 days ± 1 hour if time required for the package to attain the temperature cannot be assessed.

The testing was completely and correctly performed in accordance with DEF STAN 81-41 Part 3/4 Par. 21.specifications. Complete test results are documented in Kelly Space & Technology, Inc. Test Report No. 10583.

Test Summary:

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Low Temperature Test

Test Requirements:

Kelly Space & Technology Inc. certifies that the Case, Part No. 1720 - 44.48" L x 16.08" W x 6.25" H was subjected to Low Temperature per DEF STAN 81-41 Part 3/4 Par. 21.

Temperature: $-51^{\circ}\text{C} \pm 2^{\circ}\text{C}$ **Duration:** 16 ± 0.5 hours after specimen has reached test temperature or 7 days ± 1 hour if time required for the package to attain the temperature cannot be assessed.

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Low Temperature Test

Test Requirements:

Kelly Space & Technology Inc. certifies that the Case, Part No. 1750 - 53.06" L x 10.05" W x 5.13" H was subjected to Low Temperature per DEF STAN 81-41 Part 3/4 Par. 21.

Temperature: $-51^{\circ}\text{C} \pm 2^{\circ}\text{C}$ **Duration:** 16 ± 0.5 hours after specimen has reached test temperature or 7 days $\pm$ 1 hour if time required for the package to attain the temperature cannot be assessed.

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Low Temperature Test

Test Requirements:

Kelly Space & Technology Inc. certifies that the Case, Part No. 1755 – 57.81" L x 16.71" W x 8.86" H was subjected to Low Temperature per DEF STAN 81-41 Part 3/4 Par. 21.

Temperature: $-51^{\circ}\text{C} \pm 2^{\circ}\text{C}$

Duration: 16 ± 0.5 hours after specimen has reached test temperature or 7 days ± 1 hour if time required for the package to attain the temperature cannot be assessed.

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