



MECHANICAL HEADSTRAP STRENGTH



| | | | |
|--------------------|---|------------------------|---------------|
| Report For: | Cambridge Materials Testing Limited 6991 Millcreek Drive, Unit 13 MISSISSAUGA, Ontario L5N 6B9 | Laboratory #: | 891158-22 |
| Attention: | Derek Wild | Report Date: | June 30, 2022 |
| Specimen: | CMTL Mississauga Lab # 889967, Customer: PrescientX, Specimen Description: Head Straps and Respirator | Received Date: | June 21, 2022 |
| | | Customer P.O.#: | |

PROOF LOAD TEST REPORT

The submitted specimens were subjected to proof load testing in accordance with CSA Z94.4.1-21 Section 5.9.1. Testing was performed by donning the mask body on to a head form. A proof load of 50 N per attachment point was then applied to the elastomeric strap for 10 seconds. The proof load was then removed and the specimen was examined for failure. Testing machine was operated in accordance with ASTM A370-21 paragraph 8 with a test speed of 200mm/minute.

RESULTS

| Specimen | Observations |
|----------|---|
| 1 | There was no evidence of breakage, tearing, separation from the point of fixation to the respirator body. There was evidence of sliding of the strap length adjustment buckles. |
| 2 | There was no evidence of breakage, tearing, separation from the point of fixation to the respirator body. There was evidence of sliding of the strap length adjustment buckles. |
| 3 | There was no evidence of breakage, tearing, separation from the point of fixation to the respirator body. There was evidence of sliding of the strap length adjustment buckles. |
| 4 | There was no evidence of breakage, tearing, separation from the point of fixation to the respirator body. There was evidence of sliding of the strap length adjustment buckles. |
| 5 | There was no evidence of breakage, tearing, separation from the point of fixation to the respirator body. There was evidence of sliding of the strap length adjustment buckles. |
| 6 | There was no evidence of breakage, tearing, separation from the point of fixation to the respirator body. There was evidence of sliding of the strap length adjustment buckles. |
| 7 | There was no evidence of breakage, tearing, separation from the point of fixation to the respirator body. There was evidence of sliding of the strap length adjustment buckles. |
| 8 | There was no evidence of breakage, tearing, separation from the point of fixation to the respirator body. There was evidence of sliding of the strap length adjustment buckles. |
| 9 | There was no evidence of breakage, tearing, separation from the point of fixation to the respirator body. There was evidence of sliding of the strap length adjustment buckles. |
| 10 | There was no evidence of breakage, tearing, separation from the point of fixation to the respirator body. There was evidence of sliding of the strap length adjustment buckles. |

File Name
This report is subject to the following terms and conditions: 1. This report relates only to the specimen provided and there is no representation or warranty that it applies to similar substances or materials or the bulk of which the specimen is a part. 2. The content of this report is for the information of the customer identified above only and it shall not be reprinted, published or disclosed to any other party except in full. Prior written consent from Cambridge Materials Testing Limited is required. 3. The name Cambridge Materials Testing Limited shall not be used in connection with the specimen reported on or any substance or materials similar to that specimen without the prior written consent of Cambridge Materials Testing Limited. 4. Neither Cambridge Materials Testing Limited nor any of its employees shall be responsible or held liable for any claims, loss or damages arising in consequence of reliance on this report or any default, error or omission in its preparation or the tests conducted. 5. Specimens are retained 6 months, test reports and test data are retained 10 years from date of final test report and their disposal of, unless instructed otherwise in writing. 6. When making a statement of conformity to a specification or standard the report will make the statement of conformity based on the absolute value of the test result. Test Report Template Revision April 18, 2022

Page 1 of 1
Cambridge Materials Testing Limited
Per Nicholas Wolfenber Authorized By
Per Andreia Baptista Technician