

Engineering Adventure 4: Ready for Impact: Protecting Against Impact

Which materials are good at protecting against damage from heavy moving objects?

Impact Protection

Directions

Record the results from the empty glove test. Then add a material to your glove and test it 3 times. Record the number of pieces of pasta after each test. Choose the highest number recorded and write it in the column marked "Final." Using the information below, find out how well your glove protected against impact.

Is your material good at protecting against impact?

- **Not Good:** 11+ pieces
- **Good:** 8–10 pieces
- **Great:** 5–7 pieces

Test Results

Material	Test 1	Test 2	Test 3	Final	How well does it protect against impact?
Example	9	7	10	10	Good
Empty Glove					