Checking How a Model Adhesive Separates

Scoring guide · one credit per question · review written work against each rubric

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Question 1

Choice (3)

Adhesive on both surfaces indicates that some of the adhesive layer separated within itself.

Question 2

Peel force measures resistance to removal. The same force could be associated with loss of contact at the wall or with tearing in the adhesive. Residue location distinguishes those cases in the model.

Question 3

P leaves no visible residue but its force is only 2.0 N. Q reaches 4.0 N but leaves residue. Neither satisfies both requirements.

Question 4

For example, use the same label width and backing or keep the peel angle and speed the same. In each trial record the peel force in newtons and whether the wall has visible residue.