

BYK-Gardner “Coverall” Bend and Impact Tester

Used to test both flexibility and impact resistance. By simply reversing the impactor, the instrument can evaluate the flexibility of can-stock coating during double seaming and to test its impact resistance in handling.

- Tests both flexibility and impact resistance
- Graduated (inches) guide tube
- Maximum force of 160 inch-pounds

Procedure: Impact Test

For impact studies, the top block is leveled with the plug removed exposing a 1.43 cm (0.563 in) hole. The 1.27 cm (0.50 in) diameter, round-nosed end of the 4 lb weight may now be dropped from any height along the graduated scale on the guide tube from 0 to 160 inch-pounds.

Procedure: Bend Test

To make a bend test, the coated panel 3” x 4” (0.048” thickness) is first bent 180° over the 1/8” rod. The bent panel is placed between the parts of the hinge. Then the impact tool, flat face down, is dropped from any desired height onto the upper part of the hinge. The cylindrical fold in the panel is squeezed into a conical shape.



Standards

ASTM	D 3281
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Ordering Information

Cat. No.	Description
1125	Coverall Bend – Impact Tester

Comes complete with:

Base with arm support; Guide tube with collar; Scale in inches; Four pound weight; Punch; Operating instructions

Accessories

Cat. No.	Description
1574	Hinge Plate, for 1125
1573	Anvil, for 1125
1568	Guide Tube
1571	Weight 4 lbs, for 1125
1231	Lift Screw
1128	Weight 2 lbs, for 1125

Technical Specifications

Scale	Weights included	Dimensions Base Unit	Net Weight	Shipping Weight
English	4 lbs	127 x 25 x 25 cm (50 x 10 x 10 in)	8.2 kg (18 lbs)	11 kg (24 lbs)

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