



Designation: D 5656 – 014

Standard Test Method for Thick-Adherend Metal Lap-Shear Joints for Determination of the Stress-Strain Behavior of Adhesives in Shear by Tension Loading¹

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1. Scope

1.1 This test method covers the preparation and testing of thick-adherend lap-shear samples for the determination of the stress-strain behavior of adhesives.

1.2 This test method covers data reduction and analysis of stress-strain curves obtained using thick-adherend lap-shear samples.

1.3 The values stated in SI units are to be regarded as the standard. The inch-pound units in parentheses are for information only.

1.4 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.* Specific precautionary statements are given in 7.3.

¹ This test method is under the jurisdiction of ASTM Committee D14 on Adhesives and is the direct responsibility of Subcommittee D14.80 on Metal Bonding Adhesives. Current edition approved Oct. 10, 2001; April 1, 2004. Published December 2001; April 2004. Originally published as D 5656 – 95; approved in 1995. Last previous edition D 5656 – 95(2000); approved in 2001 as D 5656 – 01.