
Test Procedure for**TESTING PRE-MOLDED JOINT FILLERS FOR
CONCRETE****TxDOT Designation: Tex-524-C*****Effective Date: August 1999***

1. SCOPE

- 1.1 These methods, which are essentially the same as ASTM D 545 and D 994, cover testing the physical properties associated with preformed expansion joint fillers for concrete.
- 1.2 The values given in parentheses (if provided) are not standard and may not be exact mathematical conversions. Use each system of units separately. Combining values from the two systems may result in nonconformance with the standard.
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PART I—NON-EXTRUDING AND RESILIENT TYPES

2. APPARATUS

- 2.1 *Apparatus*, as described in ASTM D 545.
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3. PROCEDURE

- 3.1 Perform the following procedures as described in ASTM D 545:
- absorption,
 - compression,
 - recovery,
 - extrusion,
 - density, and
 - bitumen content.
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PART II—BITUMINOUS TYPES

4. APPARATUS

- 4.1 *Apparatus*, as described in ASTM D 994.
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5. PROCEDURE

5.1 Perform the following procedures as described in ASTM D 994:

- distortion test—perform at 60°C (140°F) instead of 52°C (125°F),
- brittleness,
- water absorption, and
- compression.

Note 1—The specification for the material under test may not include requirements for all the tests listed. Perform only those tests that are pertinent to the material submitted.