



Designation: F 1277 – 9502

Standard Test Method for Determination of Leachable Chloride in Packing and Gasketing Materials by Ion-Selective Electrode Technique¹

This standard is issued under the fixed designation F 1277; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This test method provides for the measurement of chloride ion leached from flexible graphite, asbestos, or paper-based packing and gasketing materials. Samples containing 7 to 6700 µg Cl⁻/g sample can be analyzed with this procedure. The upper concentration limit can be extended by dilution of the test solution.

1.2 It is the responsibility of the analyst to ensure the validity of this test method for other packing or gasketing materials.

1.3 The values stated in SI units are to be regarded as the standard. The values given 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.* A specific warning statement is given in 8.3.

2. Referenced Documents

2.1 *ASTM Standards:*

¹ This test method is under the jurisdiction of ASTM Committee F-3 F03 on Gaskets and is the direct responsibility of Subcommittee F03.50 on Analytical Test Methods. Current edition approved June 15, 1995; October 10, 2002. Published August 1995; October 2002. Originally published as F 1277 – 90. Last previous edition F 1277 – 905.