



Designation: D 3847 – 9601

Standard Practice for Rubber—Directions for Achieving Subnormal Test Temperatures¹

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1. Scope

1.1 This practice covers the general requirements for achieving and maintaining temperatures below 21°C for thermal conditioning and physical testing of rubber.

1.2 This practice describes the acceptable types and construction of low-temperature cabinets for conditioning and testing of rubber, the composition and circulation of heat-transfer media, and the required uniformity and precision of temperature control.

1.3 The values stated in SI units are to be regarded as the standard.

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.*

2. Referenced Documents

2.1 *ASTM Standards:*

~~This practice is intended to apply particularly, but not exclusively, to the following ASTM standards:~~

D 746 Test Method for Brittleness Temperature of Plastics and Elastomers by Impact²

¹ This practice is under the jurisdiction of ASTM Committee D-11 on Rubber and is the direct responsibility of Subcommittee D11.14 on Time and Temperature Dependent Physical Properties.

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