# CAN/ULC 519:2014 (R2024)

# Standard for Cotton-Synthetic Percolating Forestry Hose

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The intended primary application of this standard is stated in its scope. It is important to note that it remains the responsibility of the user of the standard to judge its suitability for the particular application.

Copies of this National Standard of Canada may be ordered from ULC Standards.

CETTE NORME NATIONALE DU CANADA EST DISPONIBLE EN VERSIONS FRANÇAISE ET ANGLAISE

Standard for Cotton-Synthetic Percolating Forestry Hose, CAN/ULC 519

Second Edition, Dated June 1, 2014

***Summary of Topics***

***This revision of CAN/ULC 519 dated July 12, 2024 is being issued to update the title page to reflect the reaffirmation of this Second Edition National Standard of Canada. No changes in requirements are involved.***

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

The requirements are substantially in accordance with Proposal(s) on this subject dated May 3, 2024.

**PLEASE NOTE THAT CERTAIN CODES MAY REFER TO A SUPERSEDED VERSION OF THIS STANDARD. IN THOSE INSTANCES, THE RELEVANT VERSIONS ARE AVAILABLE FOR PURCHASE.**

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CAN/ULC 519:2014 (R2024)

# Standard for Cotton-Synthetic Percolating Forestry Hose

ICS 13.220.20; 23.040.70; 65.060.80

First Edition . . . . . August 1990
**SECOND EDITION . . . . . JUNE 2014**
Reaffirmed . . . . . February 1, 2019
REAFFIRMED . . . . . JULY 12, 2024

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ULC Standards

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## PREFACE

This is the Second Edition of the Standard for Cotton-Synthetic Percolating Forestry Hose, CAN/ULC 519.

This Edition of the Standard has been formally approved by the ULC Standards Committee on Fire Protection Equipment and Systems.

This Standard has been developed in compliance with the requirements of SCC for accreditation of a Standards Development Organization.

Only metric SI units of measurement are used in this Standard. If a value for measurement is followed by a value in other units in parentheses, the second value may be approximate. The first stated value is the requirement.

Annex A, identified as informative, is for information purposes only.

In Canada, there are two official languages, English and French. All safety warnings must be in French and English. Attention is drawn to the possibility that some Canadian authorities may require additional markings and/or installation instructions to be in both official languages.

This Second Edition National Standard of Canada is based on, and now supersedes, the First Edition.

Attention is drawn to the possibility that some of the elements of this Canadian standard may be the subject of patent rights. ULC Standards shall not be held responsible for identifying any or all such patent rights.

Requests for interpretation of this Standard should be sent to ULC Standards. The requests should be worded in such a manner as to permit a “yes” or “no” answer based on the literal text of the requirement concerned.

This CAN/ULC 519 Standard is under continuous maintenance, whereby each revision is approved in compliance with the requirements of SCC for accreditation of a Standards Development Organization. In the event that no revisions are issued for a period of four years from the date of publication, action to revise, reaffirm, or withdraw the standard shall be initiated.

Comments or proposals for revisions on any part of the Standard may be submitted at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at https://csds.ul.com.

This Standard is intended to be used for conformity assessment.

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## 1 SCOPE

1.1 This Standard applies to woven-jacketed, lined, cotton-synthetic percolating forestry hose which contain non-synthetic fibres of the size commercially known as 38 mm having a minimum service test pressure of 2070 kPa, suitable for use in forest fire supression.

NOTE: All references to values of pressure and vacuum, unless otherwise indicated, shall be considered as “gauge”.

1.2 The hose shall have characteristics of wetting to help protect it from burning.

## 2 REFERENCE PUBLICATIONS

2.1 The documents shown below are referenced in the text of this Standard. Unless otherwise stated elsewhere in this Standard such reference shall be considered to indicate the edition and/or revisions of the document available at the date on which the Committee approved this ULC Standard.

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Documents Published by the American Society for Testing and Materials (ASTM)
100 Barr Harbour Drive, PO Box C700, West Conshohocken, PA 19428-2959 U.S.A.
Telephone: (610) 832-9585
www.astm.org

• ASTM D297-13, Standard Test Methods for Rubber Products – Chemical-Analysis

• ASTM D573-04 (R2010), Standard Test Method for Rubber-Deterioration in an Air

• ASTM D1149-07 (R2012), Standard Test Method For Rubber Deterioration – Surface Ozone Cracking in a Chamber

• ASTM D3183-10, Standard Practice for Rubber – Preparation of Pieces for Test Purposes from Products

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Documents Published by the Canadian General Standards Board (CGSB)
Canadian General Standards Board, Gatineau, QC K1A 1G6 Canada
Telephone: (819) 956-0425 or 1-800-665-2472
www.pwgsc.gc.ca/cgsb

• CAN/CGSB-4.2 – 28.4 -M91 (R2013), Resistance to Micro-organisms – Fungus Damage Test – Pure Culture – Qualitative

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Documents Published by ULC Standards
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• CAN/ULC-S513-11, Standard for Threaded Couplings for 38 mm and 65 mm Fire Hose

• CAN/ULC-S551-95, Standard for Forged External-Lug Quick-Connect Couplings and Adapters for Forestry Fire Hose

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