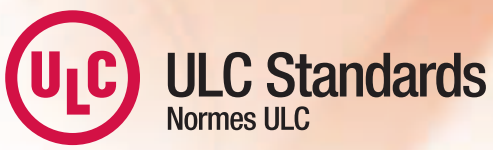
CAN/ULC-S574-13-R2018
(Reaffirmed 2018)

STANDARD FOR FORGED 65 mm (2 1/2 in) EXTERNAL-LUG QUICK-CONNECT COUPLINGS AND ADAPTERS FOR FORESTRY FIRE HOSE





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CORPORATE HEADQUARTERS
Underwriters Laboratories of Canada
7 Underwriters Road
Toronto, Ontario M1R 3A9
Telephone: (416) 757-3611
Fax: (416) 757-9540

REGIONAL OFFICES

PACIFIC OFFICE
13775 Commerce Parkway, Suite 130
Richmond, British Columbia V6V 2V4
Telephone: (604) 214-9555
Fax: (604) 214-9550

EASTERN OFFICE
6505, Rte Transcanadienne, Suite 330
St-Laurent, Québec H4T 1S3
Telephone: (514) 363-5941
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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 Forged 65 mm (2 1/2 in) External-Lug Quick-Connect Couplings and Adapters for Forestry Fire Hose, CAN/ULC-S574-13-R2018

First Edition, Dated December 2013

Summary of Topics

This revision of CAN/ULC-S574 is being issued to update the title page to reflect the reaffirmation of this First Edition National Standard of Canada. No changes in requirements are involved.

The requirements are substantially in accordance with Proposal(s) on this subject dated May 18, 2018.

PLEASE NOTE THAT CERTAIN CODES MAY REFER TO A SUPERSEDED VERSION OF THIS STANDARD.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

No Text on This Page

CAN/ULC-S574-13-R2018

STANDARD FOR FORGED 65 mm (2 1/2 in) EXTERNAL-LUG QUICK-CONNECT COUPLINGS AND ADAPTERS FOR FORESTRY FIRE HOSE

ICS 13.220.10; 65.060.80

ULC Standards
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ULC STANDARDS COMMITTEE ON FIRE PROTECTION EQUIPMENT AND SYSTEMS

NAME	AFFILIATION	REGION	CATEGORY
Haithcock, Diane (Chair)	Underwriters Laboratories Inc.	Canada	Non-Voting
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Sward, Joe	Hub Fire Engines	Canada	Producer
Tiller, David	Office of the Fire Marshal and Emergency Management	Ontario	Regulator
Jayathilake, Wathma (Project Manager)	ULC Standards	Canada	Non-Voting

This list represents the membership at the time the Committee balloted on the final text of this edition. Since that time, changes in the membership may have occurred.

ULC STANDARDS SUBCOMMITTEE ON QUICK-CONNECT COUPLINGS FOR FORESTRY HOSES

MEMBER	REPRESENTING
Bérube, Ken	Societe de protection des forets contre le feu, Quebec
Cookson, Kevin	Ontario Ministry of Natural Resources, Ontario
Lautermilch, Timothy	Red Head Brass LLC, USA
Leonhardt, Duane	Mercedes Textiles Limited, Canada
Mathie, Jarret	Red Head Brass LLC, USA
Mousseau, Marc	Canadian Interagency Forest Fire Centre, Canada

STANDARD FOR FORGED 65 mm (2 1/2 in) EXTERNAL-LUG QUICK-CONNECT COUPLINGS AND ADAPTERS FOR FORESTRY FIRE HOSE

PREFACE

This is the First Edition of the Standard for Forged 65 mm (2 1/2 in) External-Lug Quick-Connect Couplings and Adapters for Forestry Fire Hose, CAN/ULC-S574.

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 Standards Council of Canada (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.

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 First Edition National Standard of Canada was based on the First Edition, and has now been reaffirmed.

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-S574 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 On-Line Collaborative Standards Development System (CSDS) at https://csds.ul.com/canada.

This Standard is intended to be used for conformity assessment.

1 SCOPE

1.1 This Standard contains requirements for 65 mm forged quick connect couplings and adapters of the external lug design for use in the forestry service.

NOTE: Quick connect coupling and adapter sizes stated refer to the nominal diameter of the forestry hose.

1.2 The couplings and adapters are intended for use with forestry fire hose of the 65 mm standard sizes.

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.

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 B30-12, Standard Specification for Copper Alloys in Ingot Form
- ASTM B117-11, Standard Practice for Operating Salt Spray (Fog) Apparatus
- ASTM B584-13, Standard Specification for Copper Alloy Sand Castings for General Applications
- ASTM D395-03 (2008), Standard Test Methods for Rubber Property—Compression Set
- ASTM D572-04 (2010), Standard Test Method for Rubber-Deterioration by Heat and Oxygen
- ASTM D573-04 (2010), Standard Test Method for Rubber—Deterioration in an Air Oven
- ASTM D1149-07 (2012), Standard Test Methods for Rubber Deterioration—Cracking in an Ozone Controlled Environment
- ASTM D3183-10, Standard Practice for Rubber—Preparation of Pieces for Test Purposes from Products

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Documents Published by ULC Standards
171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada
Telephone: (416) 757-3611, ext. 61744; Fax (613) 231-5977, “ATTN: Publications”
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www.ulc.ca

- CAN/ULC-S551-13, Proposed Standard for Forged External-Lug Quick-Connect Couplings and Adapters for Forestry Fire Hose
- CAN/ULC-S558-13, Proposed Standard for External Lug Quick Connect Couplings and Adapters for Forestry Fire Hose

3 REQUIREMENTS

3.1 GENERAL

3.1.1 The form and dimensions of the coupling and adapter mating faces and the operating parts employed in the connection of couplings shall be of the standard designs as illustrated by Figures 1 through 5. The gaskets and expansion rings shall be of the standard designs as illustrated by Figures 6 through 8. The blank flange cap shall be of a representative design as illustrated by Figure 9. An optional female adapter design is illustrated by Figure 10.