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STANDARDS BULLETIN 2016-18

Fifth Edition CAN/ULC-S612:2016

STANDARD FOR HOSE AND HOSE ASSEMBLIES FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS

ULC Standards is pleased to announce the publication of the Fifth Edition of CAN/ULC-S612:2016, Standard for Hose and Hose Assemblies for Flammable and Combustible Liquids. This National Standard of Canada has been approved by the ULC Committee on Fittings for Flammable and Combustible Liquids, and has been published under the date of April 2016.

CAN/ULC-S612 sets forth minimum requirements for hose and hose assemblies, including coaxial vapour recovery hose and hose assemblies, for use on dispensing devices for flammable and combustible liquids. This Standard does not cover hose or hose assemblies for aircraft refuelling service and hose or hose assemblies intended for use as a component in automotive vehicles and/or in motorized or mechanical equipment, excluding dispensing devices.

This Standard covers requirements for hose and hose assemblies in sizes up to and including a nominal diameter of 40 mm and for use at temperatures down to -40 °C or -54 °C and up to +50 °C. Hose for conveying liquid fuel is intended for use at a maximum working pressure of 350 kPa. Hose for recovering vapours of fuel is intended for use at a maximum working pressure of 3.5 kPa, including slight negative pressures from vapour assist systems. Requirements for the installation and use of equipment handling flammable and combustible liquids may be included in the National Fire Code of Canada and the regulations of the authority having jurisdiction.

Changes to this Edition of CAN/ULC-S612:2016 include:

- Revised and clarified the Scope;
- Revised and expanded Glossary terms;
- Revised and clarified Electrical Bonding under Construction requirements;
- Revised and clarified the following Performance tests:
    - Hydrostatic Strength Test;
    - Repeated Bending Test (Filled);
    - Resistance to External Pressure;
    - Swivel Joint Operation Test for Hose Assemblies;
    - Tensile Strength and Ultimate Elongation Tests;
    - UV Compatibility Test; and
    - Immersion Tests.
- Revised the Manufacturing and Production Tests section;
- Revised and updated referenced standards; and
- Improved formatting and document structure that renders the Standard more user-friendly.

This standards can be purchased for CAD $200.00 (hardcopy) or CAD $180.00 (PDF format) through our website at www.ulc.ca and by selecting the link to *ULC Standards*. Once on the ULC Standards homepage, select *Sales of ULC Standards Materials* for further details.

Should you require additional information, please contact Caitlin D'Onofrio at (613) 755.2729 ext. 61430 or by email at Caitlin.DOnofrio@ul.com

ULC Standards
171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4, Canada
T: 613.755.2729 / F: 613.231.5977 / W: ULC.ca

Yours truly,
ULC Standards

Brian Murphy
Operations Manager
ULC Standards
Brian.P.Murphy@ul.com

Caitlin D'Onofrio
Project Manager
ULC Standards
Caitlin.DOnofrio@ul.com

ULC Standards
171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4, Canada
T: 613.755.2729 / F: 613.231.5977 / W: ULC.ca

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