



UL 1046

STANDARD FOR SAFETY

Grease Filters for Exhaust Ducts

UL 1046 Standard for Safety Grease Filters for Exhaust Ducts

*UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM UL*



Documents
Document Sharing Hub

UL Standard for Safety for Grease Filters for Exhaust Ducts, UL 1046

Fourth Edition, Dated February 5, 2010

SUMMARY OF TOPICS

This revision to ANSI/UL 1046 adopts the following changes:

Clarification of Acceptance Requirements for Flame Exposure Test

Text that has been changed in any manner or impacted by UL's electronic publishing system is marked with a vertical line in the margin. Changes in requirements are marked with a vertical line in the margin and are followed by an effective date note indicating the date of publication or the date on which the changed requirement becomes effective.

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated September 30, 2011.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form by any means, electronic, mechanical photocopying, recording, or otherwise without prior permission of UL.

UL provides this Standard "as is" without warranty of any kind, either expressed or implied, including but not limited to, the implied warranties of merchantability or fitness for any purpose.

In no event will UL be liable for any special, incidental, consequential, indirect or similar damages, including loss of profits, lost savings, loss of data, or any other damages arising out of the use of or the inability to use this Standard, even if UL or an authorized UL representative has been advised of the possibility of such damage. In no event shall UL's liability for any damage ever exceed the price paid for this Standard, regardless of the form of the claim.

Users of the electronic versions of UL's Standards for Safety agree to defend, indemnify, and hold UL harmless from and against any loss, expense, liability, damage, claim, or judgment (including reasonable attorney's fees) resulting from any error or deviation introduced while purchaser is storing an electronic Standard on the purchaser's computer system.

The requirements in this Standard are now in effect, except for those paragraphs, sections, tables, figures, and/or other elements of the Standard having future effective dates as indicated in the note following the affected item. The prior text for requirements that have been revised and that have a future effective date are located after the Standard, and are preceded by a "SUPERSEDED REQUIREMENTS" notice.

The following table lists the future effective dates with the corresponding reference.

Future Effective Dates	References
August 6, 2012	Entire Standard



FEBRUARY 5, 2010
(Title Page Reprinted: January 13, 2012)



ANSI/UL 1046-2012

1

UL 1046

Standard for Grease Filters for Exhaust Ducts

First Edition – December, 1974
Second Edition – July, 1979
Third Edition – March, 2000

Fourth Edition

February 5, 2010

This ANSI/UL Standard for Safety consists of the Fourth edition including revisions through January 13, 2012.

The most recent designation of ANSI/UL 1046 as an American National Standard (ANSI) occurred on January 12, 2012. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, or effective date information. Any other portions of this ANSI/UL standard that were not processed in accordance with ANSI/UL requirements are noted at the beginning of the impacted sections.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <http://csds.ul.com>.

UL's Standards for Safety are copyrighted by UL. Neither a printed nor electronic copy of a Standard should be altered in any way. All of UL's Standards and all copyrights, ownerships, and rights regarding those Standards shall remain the sole and exclusive property of UL.

COPYRIGHT © 2012 UNDERWRITERS LABORATORIES INC.

**UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM UL**



Documents

Document Sharing Hub

No Text on This Page

*UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM UL*



Documents

Document Sharing Hub

CONTENTS

INTRODUCTION

1 Scope	4
2 Components	5
3 Units of Measurement	5
4 Undated References	5
5 Glossary	6

CONSTRUCTION

6 General	6
-----------------	---

PERFORMANCE

7 General	7
8 Grease Loading Test	7
8.1 General	7
8.2 Loading test equipment	8
8.3 Loading Test Method	13
9 Flame Exposure Test	14
9.1 General	14
9.2 Flame test equipment	14
9.3 Flame test method	17

MARKING

10 General	18
------------------	----