



BSI Standards Publication

District heating pipes — Factory made flexible pipe systems

Part 4: Bonded system with metal service pipes; requirements and test methods

National foreword

This British Standard is the UK implementation of EN 15632-4:2022. It supersedes BS EN 15632-4:2009, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee RHE/9, Insulated underground pipelines.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

**District heating pipes - Factory made flexible pipe systems
- Part 4: Bonded system with metal service pipes;
requirements and test methods**

Tuyaux de chauffage urbain - Systèmes de tuyaux
flexibles manufacturés - Partie 4 : Système bloqué avec
tubes de service en métal ; exigences et méthodes
d'essai

Fernwärmerohre - Werkmäßig gedämmte flexible
Rohrsysteme - Teil 4: Verbundmediumrohre aus
Metall; Anforderungen und Prüfungen

This European Standard was approved by CEN on 27 March 2022.

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Contents

Page

European foreword.....	3
Introduction	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	6
4 Operating conditions	6
5 Requirements	6
5.1 General requirements	6
5.2 Service pipes, fittings and their connections	6
5.3 Axial shear strength of the pipe assemblies.....	8
5.4 Linear water tightness of pipe assemblies.....	8
5.5 Fittings	8
5.6 Surveillance systems.....	8
6 Test procedures	8
6.1 General.....	8
6.2 Axial shear strength of pipe assemblies	8
6.2.1 General.....	8
6.2.2 Test procedure	9
6.3 Cycle test.....	10
6.4 Linear water tightness of pipe assemblies.....	11
Annex A (informative) Guideline for testing.....	12
Bibliography.....	14

European foreword

This document (EN 15632-4:2022) has been prepared by Technical Committee CEN/TC 107 “Prefabricated district heating and district cooling pipe systems”, the secretariat of which is held by DS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2022, and conflicting national standards shall be withdrawn at the latest by November 2022.

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

This document supersedes EN 15632-4:2009.

This document is one of a series of standards which form several parts of EN 15632, *District heating pipes — Factory made flexible pipe systems*:

- *Part 1: Classification, general requirements and test methods;*
- *Part 2: Bonded system with plastic service pipes; requirements and test methods;*
- *Part 3: Non bonded system with plastic service pipes; requirements and test methods;*
- *Part 4: Bonded system with metal service pipes; requirements and test methods.*

In comparison with EN 15632-4:2009, the following changes have been made:

- a) change in the temperature in the scope;
- b) changes in the steel qualities, including the referenced standards;
- c) completely revised “guideline for testing” in the informative Annex A.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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Introduction

District heating technology has developed rapidly since its origin and especially in recent times. Today, there are different generations of district heating networks. The technologies of these generations are driven by the different heat sources and operating temperatures used.

CEN/TC 107 provides a set of European standard series for rigid and flexible piping systems in district heating to suit all generations and requirements of district heating networks in the market.

The standard documents ensure quality for pre-fabricated piping systems in district heating.

This standard series covers flexible, pre-fabricated piping systems for operation conditions as described in the scope of part 1.