



BSI Standards Publication

District heating pipes — Factory made flexible pipe systems with a lower temperature profile

Part 3: Requirements and test methods for non bonded systems with plastic service pipes

National foreword

This British Standard is the UK implementation of EN 17878-3:2024.

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

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English Version

**District heating pipes - Factory made flexible pipe systems
with a lower temperature profile - Part 3: Requirements
and test methods for non bonded systems with plastic
service pipes**

Tuyaux de chauffage urbain - Système de tuyaux
flexibles préisolés - Partie 3 : Exigences et méthodes
d'essai pour les systèmes non bloqués avec tubes de
service en plastique

Fernwärmerohre - Werkmäßig gedämmte flexible
Rohrsysteme mit einem niedrigeren Temperaturprofil
- Teil 3: Nicht-Verbund-Rohrsysteme mit
Mediumrohren aus Kunststoff - Anforderungen und
Prüfungen

This European Standard was approved by CEN on 28 December 2023.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents		Page
European foreword.....		3
Introduction		3
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Classification.....	6
4.1	Operating temperatures and service life.....	6
4.2	Design pressures	7
5	Requirements	8
5.1	General requirements	8
5.2	Service pipes, fittings and their connections	8
5.2.1	Quality of service pipes, fittings and their connections	8
5.2.2	Fittings with steel welding end	10
5.2.3	Oxygen tightness of service pipes	10
5.3	Sealing in linear direction of pipe assemblies.....	10
5.4	Water vapour permeation of pipe assemblies	10
6	Test procedures	11
6.1	General.....	11
6.2	Thermal cycling test.....	11
Annex A (informative) Application of Miner's Rule – Calculation of the calculated design life of PE-RT Type II, PB-H, PE-X and multilayer piping systems		12
A.1	General.....	12
A.2	Considerations for multilayer piping systems	14
Annex B (informative) Guidelines for inspection and testing.....		15
Bibliography.....		17

European foreword

This document (EN 17878-3:2024) has been prepared by Technical Committee CEN/TC 107 “District heating and cooling 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 September 2024, and conflicting national standards shall be withdrawn at the latest by September 2024.

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 is part of the EN 17878 series of standards *District heating pipes — Factory made flexible pipe systems with a lower temperature profile*:

- *Part 1: Classification, general requirements and test methods;*
- *Part 2: Requirements and test methods for bonded systems with plastic service pipes;*
- *Part 3: Requirements and test methods for non bonded systems with plastic service pipes.*

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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.