

# DIN EN 253:2020-03 (E)

District heating pipes - Bonded single pipe systems for directly buried hot water networks - Factory made pipe assembly of steel service pipe, polyurethane thermal insulation and a casing of polyethylene

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	6
4	Requirements .....	6
5	Test methods .....	16
6	Marking .....	26
Annex A (informative) Relation between actual continuous operating conditions and accelerated ageing test conditions .....		28
Annex B (informative) Guidelines for inspection and testing .....		32
Annex C (normative) Thermal conductivity of factory made pipe assemblies -- Test procedure .....		36
Annex D (informative) Waste treatment and recycling .....		41
Bibliography .....		42