

# DIN EN 1555-2:2026-02 (E)

## Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 2: Pipes

---

<b>Contents</b>		<b>Page</b>
European foreword .....		4
Introduction .....		6
1	Scope .....	7
2	Normative references .....	7
3	Terms and definitions .....	8
3.1	Terms related to geometry .....	9
3.2	Terms related to material .....	10
3.3	Terms related to joints .....	11
4	Symbols and abbreviated terms .....	11
4.1	Symbols .....	11
4.2	Abbreviated terms .....	12
5	Material .....	12
5.1	Compound for pipes .....	12
5.2	Compound for identification stripes .....	13
5.3	External reworked material and recycle .....	13
6	General characteristics .....	13
6.1	Appearance .....	13
6.2	Colour .....	13
7	Geometrical characteristics .....	14
7.1	Measurement of dimensions .....	14
7.2	Mean outside diameters, out-of-roundness (ovality) and tolerances .....	14
7.3	Wall thicknesses and related tolerances .....	15
7.3.1	Minimum wall thicknesses .....	15
7.3.2	Tolerance on the wall thicknesses .....	17
7.4	Coiled pipe .....	18
7.5	Lengths .....	18
8	Mechanical characteristics .....	19
8.1	Conditioning .....	19
8.2	Requirements .....	19
9	Physical characteristics .....	24
9.1	Conditioning .....	24
9.2	Requirements .....	24
9.3	Circumferential reversion of pipes with dn 250 mm .....	25
10	Performance requirements .....	26
11	Marking .....	26
11.1	General .....	26
11.2	Minimum required marking .....	26
11.3	Additional marking .....	27

<b>Annex A (normative) Pipes with co-extruded layers .....</b>	<b>28</b>
<b>A.1 General .....</b>	<b>28</b>
<b>A.2 Material .....</b>	<b>28</b>
<b>A.3 Geometrical characteristics .....</b>	<b>28</b>
<b>A.4 Mechanical characteristics .....</b>	<b>28</b>
<b>A.5 Physical characteristics .....</b>	<b>28</b>
<b>A.6 Marking .....</b>	<b>28</b>
<b>A.7 Delamination .....</b>	<b>29</b>
<b>A.8 Integrity of the structure .....</b>	<b>29</b>
<b>Annex B (normative) Pipes with peelable layer .....</b>	<b>30</b>
<b>B.1 General .....</b>	<b>30</b>
<b>B.2 Geometrical characteristics .....</b>	<b>30</b>
<b>B.3 Mechanical characteristics .....</b>	<b>30</b>
<b>B.4 Physical characteristics .....</b>	<b>30</b>
<b>B.5 Peelable layer adhesion .....</b>	<b>30</b>
<b>B.6 Marking .....</b>	<b>30</b>
<b>Annex C (normative) Squeeze-off technique .....</b>	<b>32</b>
<b>Bibliography .....</b>	<b>33</b>