

# DIN 16874:2018-09 (E)

## Pipes of high-density polyethylene (PE-HD) for buried telecommunication - Dimensions and technical delivery conditions

---

<b>Contents</b>		<b>Page</b>
Foreword .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions.....	6
4	Symbols and abbreviations.....	7
4.1	Symbols .....	7
4.2	Abbreviations.....	7
5	Dimensions .....	7
5.1	General .....	7
5.2	Pipes .....	8
6	Material .....	9
6.1	Pipes .....	9
6.2	Seals.....	10
7	Requirements.....	10
7.1	General .....	10
7.2	Appearance .....	10
7.3	Colour.....	10
7.4	Dimensions and tolerances.....	10
7.5	Strength properties.....	10
7.6	Melt mass-flow rate.....	11
7.7	Heat reversion .....	11
7.8	Interchangeability.....	11
8	Testing .....	11
8.1	Appearance .....	11
8.2	Colour.....	11
8.3	Dimensions .....	11
8.4	Ovality.....	12
8.5	Long-term hydrostatic strength.....	12
8.6	Melt mass-flow rate.....	12
8.7	Heat reversion .....	12
8.8	Weldability.....	12
9	Marking .....	12
9.1	General .....	12
9.2	Minimum marking of pipes.....	13
10	Laying instructions .....	13
10.1	Structural strength.....	13
10.2	Installation of pipes.....	13
Annex A (informative)	Long-term hydrostatic strength of PE-HD pipes for non-pressure applications .....	14
Annex B (informative)	Connecting and sealing elements for pipes complying with this standard .....	15

<b>B.1</b>	<b>Connecting elements .....</b>	<b>15</b>
<b>B.2</b>	<b>Sealing elements .....</b>	<b>16</b>
<b>B.3</b>	<b>Welding sockets .....</b>	<b>16</b>
<b>Annex C (informative)</b>	<b>Terms which are not used in this standard, but are of relevance for the user .....</b>	<b>17</b>
<b>Bibliography.....</b>		<b>18</b>