





### 1. Dimensions and operating pressure

Nominal dimension DN/OD (mm)	PN (bar)	SDR*
20 ÷ 450	25	7,4
20 ÷ 800	20	9
20 ÷ 1000	16	11
25 ÷ 1000	12,5	13,6
32 ÷ 1200	10	17
40 ÷ 1200	8	21
50 ÷ 1200	6	26
315 ÷ 1200	5	33
315 ÷ 1200	4	41

\* Safety coefficient  $C=1,25$

### 2. Evaluated characteristics in accordance with national requirements

Characteristics	Requirement to declare / border level
Appearance	Smooth and clean surface without pores, according to item 5.1. of BDS EN 12201-2:2011+A1:2013 BDS EN 12201-2:2011+A1:2013/NA:2014
Colour	colour black with blue strips
Geometrical characteristics, mm	Group 1: $dn \leq 75$ mm Group 2: $75 \leq dn \leq 250$ mm Group 3: $250 \leq dn \leq 710$ mm Group 4: $710 \leq dn \leq 1200$ mm according to item 6, table 1,2 of BDS EN 12201-2:2011+A1:2013 BDS EN 12201-2:2011+A1:2013/NA:2014
Hydrostatic strength, (80 °C/165 h)	no leaks and punctures over 100/ 165 h according to item 7, table 3 of BDS EN 12201-2:2011+A1:2013 BDS EN 12201-2:2011+A1:2013/NA:2014
Elongation at break, %	> 350 % according to item 8, table 3 of BDS EN 12201-2:2011+A1:2013 BDS EN 12201-2:2011+A1:2013/NA:2014
Melt mass - flow rate (MFR), g/10min 190°C, 5 kg	± 20 % between MFR the raw material and the pipe according to item 8, table 5 of BDS EN 12201-2:2011+A1:2013 BDS EN 12201-2:2011+A1:2013/NA:2014
Oxidation time (OIT), min	> 20 min according to item 8, table 5 of BDS EN 12201-2:2011+A1:2013 BDS EN 12201-2:2011+A1:2013/NA:2014

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Director of "Conformity Assessment" Depto  
/T. Lyubenova/

