

# PE-100 PIPES FOR PRESSURISED WATER PIPELINES

## Product description

Soapplast HD PE 100 pipes are produced in compliance with UNI EN 12201-2-2013, standards and according to the health and hygiene properties of the Ministerial Decree. n. 174 of 6/4/04. They are awarded the RINA MQ-72 quality mark.

In black colour with longitudinal co-extruded blue stripes, each meter is marked with the manufacturer's initials, production date, pipe diameter, nominal pressure and reference standard.

## Characteristics

- Excellent foldability;
- 100% watertight;
- Excellent chemical resistance to corrosion;
- High shock absorption capacity;
- Completely recyclable.

## Applications

Intended for the transport of pressurised drinking water in underground or above ground systems and industrial applications. Ideal also for the construction of main pipes for irrigation systems.

## Product range

Soapplast PE 100 pipes are available in different combinations of nominal pressures, diameters and roll lengths.



Rolls	DIAMETER		PN10 SDR 17			PN12,5 SDR 13,6			PN16 SDR 11			PN25 SDR 7,4		
			THICKNESS	ROLL LENGHT	PRICE	THICKNESS	ROLL LENGHT	PRICE	THICKNESS	ROLL LENGHT	PRICE	THICKNESS	ROLL LENGHT	PRICE
	mm	inc	mm	m	€/m	mm	m	€/m	mm	m	€/m	mm	m	€/m
	20	1/2"	1,6	100	<b>0,50</b>	1,8	100	<b>0,53</b>	2,0	100	<b>0,56</b>	3,0	100	<b>0,79</b>
	25	3/4"	1,6	100	<b>0,65</b>	2,0	100	<b>0,74</b>	2,3	100	<b>0,84</b>	3,5	100	<b>1,16</b>
	32	1"	2,0	100	<b>0,98</b>	2,4	100	<b>1,16</b>	3,0	100	<b>1,30</b>	4,4	100	<b>1,81</b>
	40	1" 1/4	2,4	100	<b>1,47</b>	3,0	100	<b>1,74</b>	3,7	100	<b>1,98</b>	5,5	100	<b>2,75</b>
	50	1" 1/2	3,0	100	<b>2,16</b>	3,7	100	<b>2,65</b>	4,6	100	<b>3,02</b>	6,9	100	<b>4,28</b>
	63	2"	3,8	100	<b>3,43</b>	4,7	100	<b>4,3</b>	5,8	100	<b>4,77</b>	8,6	100	<b>6,71</b>
	75	2" 1/2	4,5	100	<b>5,20</b>	5,6	100	<b>6,10</b>	6,8	100	<b>6,88</b>	10,3	100	<b>10,39</b>
	90	3"	5,4	50	<b>7,50</b>	6,7	50	<b>9,14</b>	8,2	50	<b>10,00</b>	12,3	50	<b>14,90</b>
	110	4"	6,6	50	<b>11,17</b>	8,1	50	<b>13,27</b>	10,0	50	<b>14,79</b>	15,1	50	<b>22,30</b>

6 m bars	DIAMETER		PN10 SDR 17		PN16 SDR 11		PN25 SDR 7,4		STANDARD PACKAGING	
			THICKNESS	PRICE	THICKNESS	PRICE	THICKNESS	PRICE	BARS - PALLET	
	mm	inc	mm	€/m	mm	€/m	mm	€/m	pz	m
	20	1/2"	1,6	-	2,0	-	3,0	-	-	-
	25	3/4"	1,6	-	2,3	-	3,5	-	-	-
	32	1"	2,0	-	3,0	<b>1,25</b>	4,4	<b>1,74</b>	384	2304
	40	1" 1/4	2,4	-	3,7	<b>1,90</b>	5,5	<b>2,64</b>	270	1620
	50	1" 1/2	3,0	<b>2,16</b>	4,6	<b>2,90</b>	6,9	<b>4,11</b>	176	1056
	63	2"	3,8	<b>3,43</b>	5,8	<b>4,58</b>	8,6	<b>6,44</b>	124	744
	75	2" 1/2	4,5	<b>4,52</b>	6,8	<b>6,33</b>	10,3	<b>9,56</b>	88	528
	90	3"	5,4	<b>6,53</b>	8,2	<b>9,20</b>	12,3	<b>13,71</b>	74	444
	110	4"	6,6	<b>9,72</b>	10,0	<b>13,61</b>	15,1	<b>20,52</b>	51	306

Table in nominal values

# LOW DENSITY PE PIPES

## PE BD 7990

### Product description

Low density polyethylene pipes are marked every meter with the manufacturer's code, production date, pipe diameter and nominal pressure.

### Characteristics

High flexibility and lightness;  
Excellent corrosion resistance;  
Excellent chemical resistance;  
Completely recyclable.

### Product range

Soapplast Low Density PE pipes are available in different combinations of nominal pressures, diameters and roll lengths.

DIAMETER		PFA4 SDR 17			PFA6 SDR 11,6			PFA10 SDR 7,3		
		THICKNESS	ROLL LENGHT	PRICE	THICKNESS	ROLL LENGHT	PRICE	THICKNESS	ROLL LENGHT	PRICE
mm	inc	mm	m	€/m	mm	m	€/m	mm	m	€/m
16	3/8"	1,4	500	<b>0,33</b>	1,6	500	<b>0,38</b>	-	-	-
20	1/2"	1,6	300	<b>0,49</b>	1,7	300	<b>0,51</b>	2,7	100	<b>0,71</b>
25	3/4"	1,7	200	<b>0,61</b>	2,2	200	<b>0,77</b>	3,4	100	<b>1,10</b>
32	1"	1,9	200	<b>0,87</b>	2,8	200	<b>1,25</b>	4,4	100	<b>1,82</b>
40	1" 1/4	2,4	100	<b>1,39</b>	3,5	100	<b>1,92</b>	5,4	100	<b>2,78</b>
50	1" 1/2	3,0	100	<b>2,11</b>	4,3	100	<b>2,92</b>	6,8	100	<b>4,30</b>
63	2"	3,7	100	<b>3,27</b>	5,4	100	<b>4,60</b>	8,6	100	<b>6,84</b>
75	2" 1/2	4,5	100	<b>5,21</b>	6,5	100	<b>7,24</b>	-	-	-
90	3"	5,3	50	<b>7,56</b>	7,8	50	<b>10,39</b>	-	-	-
110	4"	6,5	50	<b>11,26</b>	9,5	50	<b>15,45</b>	-	-	-

Table in nominal values



### Small rolls

DIAMETER		PFA4 SDR 17			PFA6 SDR 11,6		
		THICKNESS	ROLL LENGHT	PRICE	THICKNESS	ROLL LENGHT	PRICE
mm	inc	mm	m	€/m	mm	m	€/m
16	3/8"	1,4	25	<b>0,39</b>	1,6	25	<b>0,45</b>
			50	<b>0,37</b>		50	<b>0,42</b>
			100	<b>0,36</b>		100	<b>0,41</b>
20	1/2"	1,6	25	<b>0,58</b>	1,7	25	<b>0,60</b>
			50	<b>0,54</b>		50	<b>0,57</b>
			100	<b>0,53</b>		100	<b>0,55</b>
25	3/4"	1,7	25	<b>0,72</b>	2,2	25	<b>0,91</b>
			50	<b>0,68</b>		50	<b>0,85</b>
			100	<b>0,66</b>		100	<b>0,83</b>
32	1"	1,9	25	<b>1,03</b>	2,8	25	<b>1,48</b>
			50	<b>0,97</b>		50	<b>1,39</b>
			100	<b>0,94</b>		100	<b>1,35</b>

Table in nominal values

Soapplast reserves the right to make to its catalogs and products, at any time and without notice, any modifications which, in its unquestionable judgement, it deems convenient for production purposes and/or useful for improving their quality, functionality and performance.



### Applications

The low density polyethylene pipes are suitable for the transport of fluids under pressure in systems for which a discontinuous pressure regime operating condition is foreseen, ideal for both fixed and mobile irrigation systems, for the transport of fluids under pressure and installation of irrigation systems for agriculture and horticulture.