

\_\_\_\_\_ : " "

\_\_\_\_\_ : 4000 3 " " .

\_\_\_\_\_ 3: .293 .521 ( L = 5229,42 ' )

\_\_\_\_\_ 4: .521 .436, .441 .583, .638 .483 ( L = 4153,33 ' )

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" " : "

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2017 , 3: ,

.293 .521 ( L = 5229,42 ' ) 4: .521 .436, .441 .583,

.638 .483 ( L = 4153,33 ' ) :

4000 3 " " .

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- ✓ **7098,64 ' ,**  
 HDPE- DN/OD400, PN10, SDR 17, PE 100-RC ( . N 12201-  
 2:2011+A1:2013 - );
- ✓ **2189,10 ' ,**  
 HDPE- DN/OD400, PN16, SDR 11, PE 100-RC ( . N 12201-  
 2:2011+A1:2013 - );
- ✓ **95,01 ' ,**  
 HDPE- DN/OD400, PN25, SDR 7.4, PE 100-RC ( . N 12201-  
 2:2011+A1:2013 - );

		DN/OD ( )		PN (bar)	SDR	( ' )
1	.293 .295	400	HDPE PE 100-RC	10	11	12,40
2	.295 .299	400	HDPE PE 100-RC	16	17	150,72
3	.299 .394	400	HDPE PE 100-RC	10	11	2 807,05
4	.394 .401	400	HDPE PE 100-RC	16	17	302,98
5	.401 .409	400	HDPE PE 100-RC	10	11	956,72
6	.409 .505	400	HDPE PE 100-RC	16	17	186,74
7	.505 .521	400	HDPE PE 100-RC	10	11	812,81

			DN/OD ( )		PN (bar)	SDR	( )	
8	. 521	. 530	400	HDPE PE 100-RC	10	11	704,40	
9	. 530	. 424	400	HDPE PE 100-RC	16	17	307,50	
10	. 424	. 551	400	HDPE PE 100-RC	10	11	792,49	
11	. 551	. 431	400	HDPE PE 100-RC	16	17	110,41	
12	. 431	. 630.1	400	HDPE PE 100-RC	25	7.4	34,74	
13	. 630.1	. 557	400	HDPE PE 100-RC	16	17	145,09	
14	. 557	. 558	400	HDPE PE 100-RC	25	7.4	60,54	
15	. 558	. 436	400	HDPE PE 100-RC	16	17	222,92	
16	. 441	. 578	400	HDPE PE 100-RC	10	11	574,00	
17	. 578	. 448	400	HDPE PE 100-RC	16	17	277,20	
18	. 450	. 468	400	HDPE PE 100-RC	16	17	485,99	
19	. 468	. 483	400	HDPE PE 100-RC	10	11	438,77	
<b>HDPE- DN/OD400, PN10, SDR 17, PE 100-RC:</b>							<b>7098,64</b>	<b>'</b>
<b>HDPE- DN/OD400, PN16, SDR 11, PE 100-RC:</b>							<b>2189,10</b>	<b>'</b>
<b>HDPE- DN/OD400, PN25, SDR 7.4, PE 100-RC:</b>							<b>95,01</b>	<b>'</b>

$$L = 9\,382,75 \text{ '}$$

PE 100-RC ( N 12201-2:2011+A1:2013 -  
 (PN10, SDR17), 16 . (PN16, SDR11) 25 . (PN25, SDR7.4).  
 ” ” 2005 . -  
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HDPE- , ( ) , - .  
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 . 436 . 441 ( 40 6) L = 676,31  
 ; 13,00 ') - 3 / / 5 / / 169 ' (13  
 ✓ . 436 ( . 436 . 441)  
 . 393;  
 ✓ 6 ( . 441) -  
 . 634;  
 ✓ 4 ( . 322) -  
 ✓ . 323 . 393.  
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 3.  
 ( HDPE- ),  
 50 ( 50) - 6 - Ø400 (16 ).  
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1	( N 14525) - DN/OD ( 398 442 ), HDPE L=523 EN- GJS-400 , EN 681-1( ); (NIRO). POM; (NIRO), (NIRO), ; ; 180°; . 8° (+/- 4° ); (NIRO) ( . No. 6035 6036).		1
2	400 100RC, PN16		5

(PN5, PN10, PN15 PN20),  
 (PN10)

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- 162 „ 2 22 2005 . , ’  
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✓	, HDPE-	PN10 –	15 ;
✓	, HDPE-	PN16 –	24 .;
✓	, HDPE-	PN25 –	37,5 .;

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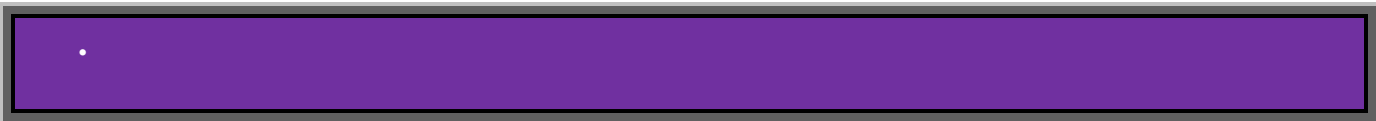
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. 52



✓ 1623 – ;

✓ 1660; EN 124 – ;

✓ 3078; 3079 – ;

✓ EN 1610 – ;

✓ EN 752 – ;

✓ EN 12201:2005 – ;

✓ EN 13476 –

. T o o  
(PVC-U), (PP) ( );

✓ EN 1074 - . ;

✓ EN 545 - , ;

✓ EN 545 - , ;

✓ EN 545 - , ;

- ✓ 18 2005 ., . . 30, 65 102 2006 ., . . 102 2008 ., . . ( . . , . . 47 2009 .); ., . , . 6 2006 .
- ✓ 1 ( , . 43 2006 .); ., . , . 6 2006 .
- ✓ 2 ( , . 34 2005 .); ., . , . 6 2005 .
- ✓ 4 ( ., . , . 53 2005 .; ., . 56 2005 .); ., . , . 9 2005 .
- ✓ 4 2004 .; 3887 2005 . - . 41 ( ., . , . 88 2004 .; ., . 93 2005 .); ., . , . 6 2005 .
- ✓ 4 2004 .
- ✓ -02-20-8 17.05.2013 .
- ✓ No 4
- ✓ No 8
- ✓ No 2 (No I -1971 29.10,2009)
- ✓ No 2

<http://www.dnsk.mrrb.government.bg/UI/Home.aspx?0ZKDwUgLUJpDpU6ocaJJFwuOmO6Y83hr9JmR2o8mKwHhfgocUapfPg%3d%3d>

- ✓ 2880:1984 - ;
- ✓ 4551:1974 - ;
- ✓ 9237:1971 - ;
- ✓ 9519:1984 - .
- ✓ 9546:1985 - ;
- ✓ EN 12697 : 2006 - .
- ;
- ✓ EN 13108-1/NA:2009 - ;
- ✓ EN 13249:2002 - .
- ;
- ✓ EN 13482:2003 - ( . . . . . );
- ;
- ✓ EN 13880-11:2004 - .

11:

9:	✓	EN 13880-9:2004 -	.
			;
	✓	173:1987 -	;
	✓	2282:1983 -	;
	✓	8989:1971 -	.
		;	
	✓	8990:1971 -	.
		;	
	✓	15783:1983 -	;
	✓	171:1983 -	;
	✓	2271:1983 -	;
	✓	624:1987 -	;
	✓	EN 1340:2005 -	;
	✓	EN 1340:2005 -	;
	✓	EN 1340:2005/AC:2006 -	;
	✓	13620:1987 -	;
	✓	14509:1978 -	.
		;	
	✓	1740:1974 -	;
	✓	1741:1975 -	;
	✓	2.804:1982 -	.
		;	
	✓	2.828:1989 -	;
			;
	✓	2545:1977 -	;
	✓	2546:1972 -	;
	✓	2705:1983 -	.
		;	
	✓	2715:1979 -	;
	✓	2716:1975 -	.
		;	
	✓	2717:1975 -	;
	✓	2732:1988 -	;
	✓	3078:1971 -	;
	✓	3079:1978 -	.
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	✓	3080:1975 -	;
	✓	3081:1975 -	;
	✓	3082:1975 -	;
	✓	3083:1975 -	;
	✓	3084:1971 -	;
	✓	3085:1978 -	90
		;	
	✓	3086:1978 -	45
		;	
	✓	3087:1978 -	.
		;	
	✓	3088:1971 -	;
	✓	3089:1971 -	;

✓	3090:1975 -				
✓	3091:1971 -				
✓	3092:1971 -				
✓	3095:1980 -				
✓	3114:1971 -	90			
✓	3115:1971 -	45			
✓	3116:1971 -	20	30"		
✓	3117:1971 -	11	15"		
✓	3118:1973 -				
✓	3119:1973 -				
✓	3553:1975 -	90			
✓	3554:1979 -				
✓	3556:1975 -				
✓	3557:1971 -				
✓	3562:1978 -				
✓	3563:1975 -				
✓	3564:1975 -				
✓	3574:1971 -	90			
✓	3575:1971 -	60			
✓	3576:1973 -	45			
✓	3577:1973 -	30			
✓	3589:1973 -	11	15'		
✓	3590:1979 -				
✓	3591:1979 -				" "
✓	3592:1971 -				
✓	3593:1978 -				
✓	3594:1973 -	22	30'		
✓	7367:1980 -				
✓	8517:1978 -				
✓	EN 1420-1:2004 -				1:
✓	EN 14801:2006 -				
✓	EN 545:1998 -				
✓	EN 545:2007 -				
✓	EN 681-1:2003/A2:2003 -				1:

✓	EN 13476-1:2008 -	. T	o o	(PVC-U),	(PP)
( )	a a	1:			
✓	EN 13476-1:2008 -	. T	o o	(PVC-U),	(PP)
( )	a a	1:			
✓	EN 13476-2:2008 -	.	o o	(PVC-U),	(PP)
( )	a a	2:			
✓	EN 13476-2:2008 -	.	o o	(PVC-U),	(PP)
( )	a a	2:			
✓	EN 13476-3+A1:2009 -	.	o o	(PVC-U),	(PP)
( )	a a	3:			
✓	EN 13476-3+A1:2009 -	.	o o	(PVC-U),	(PP)
( )	a a	3:			
✓	1657:1972 -			( )	;
✓	1740:1974 -				;
✓	1858:1972 -				;
✓	1284-90 -				-
✓	2545-77-				;
✓	2732-88 -				;
✓	3896-77 -				;
✓	3897-75 -				;
✓	4181-91 -				;
✓	5583-74 -				;
✓	10896-73 -				;
✓	13620-87 -				;
✓	13850-76 -				;
✓	13851-80 -				;
✓	14061-77 -				;
✓	14063-77 -				;
✓	14905-79 -				;
✓	16551-86 -				;

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✓	EN 545:2004 -	,						
✓	EN 805:2004 -	.						
✓	EN 1508:2004 -	.						
✓	EN 1717:2001 -	;						
✓	EN 13052-1:2004 -	,						
✓	EN 13077:2004 -	.						1:
✓	EN 13078:2004 -	;						
✓	EN 13079:2004 -	,						
✓	ENV 1452-7:2001 -	.						D;
✓	ENV 12108:2001 -	.						
✓	ISO 4064-1:2002 -	.						
✓	ISO 4064-2:2002 -	.						
✓	ISO 4427:2002 -	.						
✓	N 12201-2:2011+A1:2013 -	.						
	(NA);	,						2: