



HT(PP) PIPES





PREMIUM
product

24dB (A)
Sound Insulation Level II

H i g h e s t Q u a l i t y

HT (PP) PIPES



& fittings for domestic & street sewage systems

The pipes for domestic sewerage systems together with the appropriate coupling sleeves are intended to be used for the removal of all kinds of waste water.

Assembly of the pipeline is extremely easy, pipes are connected to one another with fittings while complete seal is achieved with use of rubber bands. Maximum temperature of application is +90°C. Pipes are resistant to salt water, alcohol, acids, alkalis, sulphates, aggressive gas and all kinds of detergents. On the other hand, they cannot be used for the transport of water which contains high percentage of benzene, benzine (petrol) or acetone.

Advantages & owner benefits

- Very light material
- Simple and easy way of both transport and manipulation
- Fast and cheap assembling
- Pipe connections are resistant to water and other type of fluids
- They are resistant to corrosion in alkaline, acid or aggressive environment
- They are fine electrical insulator, and also resistant to mechanical impact
- Guaranteed life time of more than 50 years
- Practically no costs of pipeline maintenance
- Connection with muffs and gaskets made of EPDM or rubber (EN 681)
- SRPS-EN 1451



Acoustic insulation

According to DIN 4109 noise generated from the pipeline, built-in sound-protected areas should not exceed 35 dB (A). At the same time, the norm VDI 4100 guideline shows that the noise should not exceed 30dB (A). From the above mentioned reasons, Pešťan and its HT PP pipes were put on testing at the renowned Institute in Stuttgart, where is obtained confirmation of our quality. According to studies, Pešťan HT PP pipes and related fittings can be classified into LEVEL II sound insulation with results of 24dB (A), obtained in the tests (Test Report P-BA 95/2016). Test was performed on standard commercial collars.

	1.1	2.1	3.1	4.1
Airborne sound pressure level $L_{A,w}$ (dB(A)) according to EN 14366 in the basement test-room UG front	49	52	52	55
Structure-borne sound characteristic level $L_{A,w}$ (dB(A)) according to EN 14366 in the basement test-room UG rear	24	30	24	31

TEST WAS PERFORMED ON STANDARD COMMERCIAL COLLARS.



According to VDI 4100, there are three levels of sound insulation, depending on the purpose of the facility in which the pipes are installed:

- Level I sound insulation - requirements according to DIN 4109 corresponding to 30 dB (A)
- Level II sound insulation - a higher level of sound insulation corresponds to 25 dB (A)
- Level III sound insulation - the highest level of sound insulation corresponds to 20 dB (A)

Test was performed on standard commercial collars.



VDI levels of sound insulation and classification:

- Level I sound insulation - family houses
- Level II sound insulation - apartment buildings, residential and commercial buildings with few floors
- Level III sound insulation - hotels, hospitals, libraries, reading rooms, residential complexes...



On family houses

Sound insulation level I or on agreement



Apartment buildings, residential and office buildings, comfort apartments

Sound insulation level II or higher



Hotels, hospitals, residential complexes

Sound insulation level III enhanced agreements

HT (PP) pipes & fittings

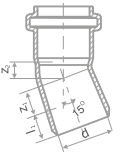
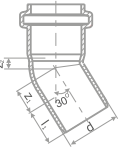


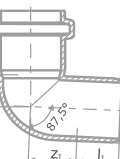
Product range from Ø32 up to Ø160

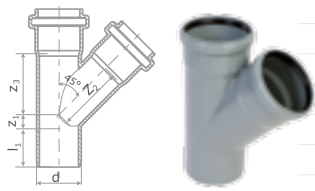

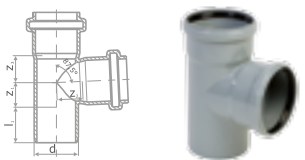


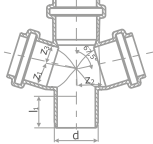

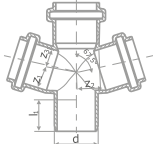

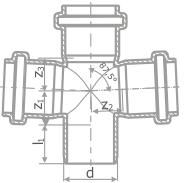

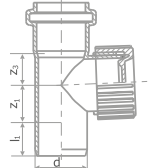

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HTEM PIPE SDR41 SN4						
		10200004	32	32,3	38,6	1,8
		10200024	40	40,3	49,6	1,8
		10200044	50	50,3	59,6	1,8
		10200104	75	75,3	84,5	1,9
		90				
		10200204	110	110,3	120,5	2,7
		10200224	125	125,3	137,5	3,1
		10200244	160	160,3	174,3	3,9



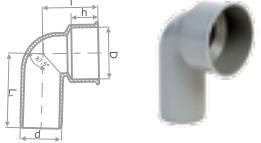
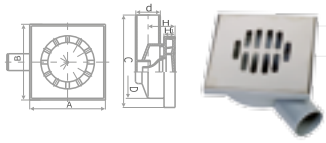
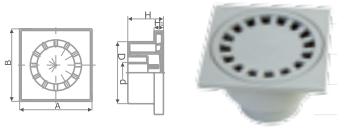
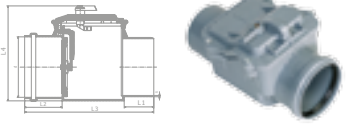
ITEM DESCRIPTION	PICTURE	CODE	D	D1	D2	S
HTEM CEV SDR41 SN4						
		10200004	32	32,3	38,6	1,8
		10200024	40	40,3	49,6	1,8
		10200044	50	50,3	59,6	1,8
		10200104	75	75,3	84,5	1,9
		90				
		10200204	110	110,3	120,5	2,7
		10200224	125	125,3	137,5	3,1
		10200244	160	160,3	174,3	3,9

ITEM DESCRIPTION	PICTURE	CODE	D	Z1	Z2	L1MIN
HTB BEND 15°						
		10200300	32	3	5	39
		10200301	40	4	7	44
		10200302	50	5	9	46
		10200304	75	7	11	51
		10200308	110	9	14	58
		10200309	125	10	14	82
HTB BEND 30°						
		10200500	32	8	13	39
		10200501	40	14	14	44
		10200502	50	9	12	46
		10200508	110	17	21	58
		10200509	125	10	15	15
		10200510	160	29	23	23
HTB BEND 45°						
		10200600	32	9	12	42
		10200601	40	10	14	44
		10200602	50	12	16	46
		10200604	75	18	21	51
			90			
		10200608	110	25	29	58
10200609	125	28	33	64		
10200610	160	42	36	94		
HTB BEND 67.5°						
		10200700	32	13	16	42
		10200701	40	16	19	44
		10200702	50	19	23	46
		10200704	75	28	32	51
		10200708	110	40	46	58
		10200709	125	45	50	82
		10200710	160	64	58	94
		HTB BEND 87.5°				
		10200800	32	19	23	42
		10200801	40	23	26	44
		10200802	50	28	31	46
		10200804	75	40	43	51
			90			
		10200808	110	57	57	58
		10200809	125	65	65	64
		10200810	160	89	83	94

ITEM DESCRIPTION	PICTURE	CODE	D	Z1	Z2	Z3	L1MIN
HTEA BRANC 45°							
	10200900	32/32	9	40	40	42	
	10200901	40/32	5	46	44	44	
	10200902	40/40	10	49	49	44	
	10200903	50/32	-1	53	49	46	
	10200904	50/40	5	56	54	46	
	10200905	50/50	12	61	61	46	
	10200912	75/50	-1	79	74	51	
	10200914	75/75	18	91	91	51	
		90/90					
	10200938	110/50	-17	104	91	58	
	10200940	110/75	1	116	109	58	
	10200944	110/110	25	134	134	58	
	10200953	125/110	18	144	141	64	
	10200954	125/125	28	152	152	64	
	10200963	160/110	1	168	159	81	
	10200965	160/160	36	194	194	81	
HTEA BRANC 67.5°							
	10201000	32/32	13	27	27	42	
	10201002	40/40	16	33	33	44	
	10201005	50/50	19	40	40	46	
	10201038	110/50	9	72	52	58	
	10201044	110/110	40	85	85	58	
HTEA BRANC 87.5°							
	10201100	32/32	19	21	21	42	
	10201101	40/32	19	25	21	44	
	10201102	40/40	23	25	25	44	
	10201103	50/32	19	30	21	46	
	10201104	50/40	23	30	25	46	
	10201105	50/50	28	30	30	46	
	10201112	75/50	27	43	31	51	
	10201114	75/75	40	43	43	51	
		90/90					
	10201138	110/50	28	60	32	58	
	10201140	110/75	40	60	45	58	
	10201144	110/110	57	62	62	58	
	10201153	125/110	58	69	63	64	
	10201154	125/125	65	70	70	64	
	10201164	160/125	66	87	71	81	
	10201165	160/160	83	89	89	81	

ITEM DESCRIPTION	PICTURE	CODE	D	Z1	Z2	Z3	L1MIN
HTDA DOUBLE BRANC 45°							
		10201505	50/50/50	12	61	61	46
		10201538	50/110/50	-17	104	91	58
		10201544	110/110/110	25	134	134	58
HTDA DOUBLE BRANC 67,5°							
		10201605	50/50/50	19	40	40	46
		10201638	50/110/50	9	72	52	58
		10201644	110/110/110	40	85	85	58
HTDA DOUBLE BRANC 87,5°							
		10201738	50/50/50	28	30	30	46
		10201744	50/110/50	28	60	32	58
HTRE INSPECTION PIPE							
		10201402	50	32		30	46
		10201404	75	48		43	51
		10201408	110	58		62	58
		10201409	125	58		62	64

ITEM DESCRIPTION	PICTURE	CODE	D	Z1	I
HTU DOUBLE SOCKET					
	10202300	32		94	
	10202301	40		103	
	10202302	50		103	
	10202304	75		109	
	10202308	110		122	
	10202309	125		138	
HTU SLIP COUPLER					
	10202400	32		94	
	10202401	40		103	
	10202402	50		103	
	10202404	75		109	
	10202408	110		122	
	10202409	125		138	
HTR EXCENTRIC REDUCER					
	10201200	40/32	10	44	
	10201201	50/32	16	46	
	10201202	50/40	12	46	
	10201208	75/50	20	51	
	10201230	110/50	40	58	
	10201232	110/75	26	58	
	10201244	125/110	15	64	
	10201253	160/110	34	81	
	10201254	160/125	27	81	
	HTM END CAP				
	10202200	32			
	10202201	40			
	10202202	50			
	10202204	75			
	10202208	110			
	10202209	125			
	10202210	160			
10202211	200				
HT VENTILATION CAP					
	10202705	50	106	94	
	10202700	75	143	119	
	10202701	110	168	110	
	10202703	160	253	150	

ITEM DESCRIPTION	PICTURE	CODE	D	D	H	L	L1			
HTSW FLOOR WASTE GULLE										
		10202104	50	50,6	32,8	71	80			
HTSW FLOOR WASTE GULLE										
		10202101	32	46	26	51	61			
		10202103	40	46	26	51	75			
HTSW FLOOR WASTE GULLEY TYPE 1										
		10202100	32	53,7	26	51	61			
		10202102	40	53,7	26	51	75			
ITEM DESCRIPTION	PICTURE	CODE (METAL GRID)	CODE (PLASTIC GRID)	D	A	B	C	D	H	H1
HTSW FLOOR WASTE GULLEY										
		10299910	10299000	50	150	150	192	139,5	46,5	12,5
		10299920	10299002	75	150	150	195	160	56,5	12,5
ITEM DESCRIPTION	PICTURE	CODE (METAL GRID)	CODE (PLASTIC GRID)	D	A	B	C	D	H	H1
HTSW FLOOR WASTE GULLEY TYPE 2										
		10299911	10299001	50	150	150	125	60	12,5	
		10299921	10299003	75	200	200	160	130	9	
		-	10299005	110	200	200	160	130	9	
		-	10299010	110	250	250	200	85	12	
ITEM DESCRIPTION	PICTURE	CODE	D	S	L1	L2	L3	L4		
NON-RETURN VALVE										
		10202500	50	2,2	50	40	197	98		
		10202501	75	2,5	70	54	265	139		
		10202502	110	4,0	64	64	320	189		
		10202503	125	4,0	68	65	318	226		
		10202504	160	4,0	68	103	350	248		

