

www.ht-safe.de



HT Safe®: safer, quieter, better.

Discharge Pipes and Fittings

Delivery Range 2017



by Gebr. Ostendorf Kunststoffe

Gebr. Ostendorf Kunststoffe GmbH

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HTSafe®: safer, quieter, better.

Black and white thinking
was yesterday.



NEW: Patented 3 lip seal

Simple and secure
installation

NEW: Smoother inner
surface

Significantly quieter
as HT Standard

NEW: Elements of PP-H

Flame retardant
with a 25-year
guarantee

NEW: Potent and
functional colour

RAL 7043

21dB (A)
P-BA 222/2016

B1
Flame
retardancy

DIN EN
1451-1

25-year
guarantee

Made in
Germany



by Gebr. Ostendorf Kunststoffe

For over 40 years, since the introduction of our HT product line we have established an extensive amount of knowledge and experience. It is with this knowledge, that we proudly introduce: HT Safe – unmistakable in its new colour and excellent characteristics.

The patented 3 lip seal makes processing and installation quick and simple as never before and guarantees a secure seal even under the most adverse conditions.

A smoother inner surface, as well as a new combination of materials ensures for exceptional soundproofing that is unique in its range.

Curious? Then give us a call or send an e-mail. We would be happy to advise you in detail!



Discharge Pipes and Fittings HT Safe®

Commercial Name

Ostendorf HT Safe

Material

Polypropylene (PP)

- hot water resistant

Production

DIN EN 1451-1 resp. DIN 19560-10

Application

Drainage within the building structure as

- waste water pipe
- rain water pipe
- ventilation pipe

Nominal diameters (DN/OD)

32 / 40 / 50 / 75 / 90 / 110 / 125 / 160

Colour

Dusty grey RAL 7037

Seal

Factory inlaid SBR lip seal acc. to DIN 681

Chemical Resistance

Discharge of aggressive media in the range pH2 - pH12

(see also www.ostendorf-kunststoffe.com)

Marking Pipes and Fittings

Permanent marking with manufacturer label, nominal diameter, DIN standard (DIN EN 1451-1), date of manufacture, material, building material class (fire behavior)
(Fittings additionally bear information about the nominal angle.)

Sound Insulation

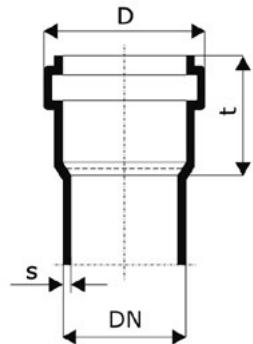
Measured value 21dB (A)

Sound insulation test according to DIN EN 14366 (Fraunhofer Institute)

Noise emission at 4 litres volume flow according to measurement with Bismat 1000 (P-BA 222/2016).

Central vacuum cleaning system

Test certificate of the State Material Testing Institute Darmstadt



DN (OD)	s (mm)	D (mm)	t (mm)
32	1,8	44	40
40	1,8	53	55
50	1,8	63	56
75	1,9	88	61
90	2,2	105	58
110	2,7	125	76
125	3,1	143	82
160	3,9	181	90

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Stuttgart, July 14, 2015

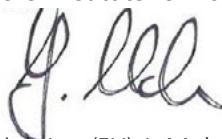
Determination of the Acoustic Performance of a Wastewater Installation System in the Laboratory according to EN 14366 and following DIN 4109; Extract from test report P-BA 222/2016

On October 25, 2016 the determination of the acoustic performance of a wastewater installation system was performed in the technical centre of the Fraunhofer Institute for Building Physics on a plastic wastewater installation system "**HT Safe DN/OD 110 x 2.7 PP-H (manufacturer Ostendorf) with pipe clamps "BISMAT 1000" (manufacturer Walraven)**". Below measurement results are stated in extracts. Precise information about test object, test set-up and test method as well as detailed measurement results can be found in the test report P-BA 222/2016.

Result:

<u>Test specimen:</u> Plastic wastewater installation system "HT Safe DN/OD 110 x 2.7 PP-H" (manufacturer Ostendorf) with pipe clamps "BISMAT 1000" (manufacturer Walraven). In each storey (EG and UG) two pipe clamps were mounted. At the upper wall area of the installation wall one "Bismat 1000" loose clamp was installed (supporting clamp SL, DN 100). At the lower wall area of the installation wall one "Bismat 1000" double clamp consisting of supporting clamp (SL, DN 100) and fixing clamp (SX, DN 100) was installed. To prevent contact to the pipe, the loose clamps and the supporting clamps were equipped with two spacers (2 x 7.5 mm, black) on each side.	Flow rate [l/s] <table border="1"> <thead> <tr> <th>0,5</th><th>1,0</th><th>2,0</th><th>4,0</th></tr> </thead> </table>	0,5	1,0	2,0	4,0
0,5	1,0	2,0	4,0		
Installation sound level $L_{AFeq,n}$ [dB(A)] following DIN 4109 in the basement test-room	UG rear 12 12 17 21				

Fraunhofer Institute for Building Physics IBP



(Dipl.-Ing.(FH) J. Mohr)

Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., München
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HTsafe® Single socket pipe (push-fit)

HTsafeEM – DN 32

Part No.	Name	HWG	EAN	VPE/Packing	VPE/Pallet
170000	HTsafeEM DN 32 x 150 mm	17	4052836004284	20	960
170010	HTsafeEM DN 32 x 250 mm	17	4052836004291	20	800
170020	HTsafeEM DN 32 x 500 mm	17	4052836004307	20	320
170040	HTsafeEM DN 32 x 1000 mm	17	4052836004314	10	300
170050	HTsafeEM DN 32 x 1500 mm	17	4052836004321	10	300
170060	HTsafeEM DN 32 x 2000 mm	17	4052836004338	10	300
170070	HTsafeEM DN 32 x 3000 mm	17	4052836004345	10	300

HTsafeEM – DN 40

171000	HTsafeEM DN 40 x 150 mm	17	4052836004475	20	960
171010	HTsafeEM DN 40 x 250 mm	17	4052836004482	20	960
171020	HTsafeEM DN 40 x 500 mm	17	4052836004499	20	320
171030	HTsafeEM DN 40 x 750 mm	17	4052836004505	10	260
171040	HTsafeEM DN 40 x 1000 mm	17	4052836004512	10	260
171050	HTsafeEM DN 40 x 1500 mm	17	4052836004529	10	260
171060	HTsafeEM DN 40 x 2000 mm	17	4052836004536	10	260
171070	HTsafeEM DN 40 x 3000 mm	17	4052836004543	10	260

HTsafeEM – DN 50

172000	HTsafeEM DN 50 x 150 mm	17	4052836004727	20	720
172010	HTsafeEM DN 50 x 250 mm	17	4052836004734	20	720
172020	HTsafeEM DN 50 x 500 mm	17	4052836004741	20	320
172030	HTsafeEM DN 50 x 750 mm	17	4052836004758	10	200
172040	HTsafeEM DN 50 x 1000 mm	17	4052836004765	10	200
172050	HTsafeEM DN 50 x 1500 mm	17	4052836004772	10	200
172060	HTsafeEM DN 50 x 2000 mm	17	4052836004789	10	200
172070	HTsafeEM DN 50 x 3000 mm	17	4052836004796	10	200

HTsafeEM – DN 75

173000	HTsafeEM DN 75 x 150 mm	17	4052836005083	20	480
173010	HTsafeEM DN 75 x 250 mm	17	4052836005090	20	320
173020	HTsafeEM DN 75 x 500 mm	17	4052836005106	20	160
173030	HTsafeEM DN 75 x 750 mm	17	4052836005113	6	120
173040	HTsafeEM DN 75 x 1000 mm	17	4052836005120	6	120
173050	HTsafeEM DN 75 x 1500 mm	17	4052836005137	6	120
173060	HTsafeEM DN 75 x 2000 mm	17	4052836005144	6	120
173070	HTsafeEM DN 75 x 3000 mm	17	4052836005151	6	120



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HTsafe® Single socket pipe (push-fit)

HTsafeEM – DN 90



Part No.	Name	HWG	EAN	VPE/Packing	VPE/Pallet
174000	HTsafeEM DN 90 x 150 mm	17	4052836005380	20	320
174010	HTsafeEM DN 90 x 250 mm	17	4052836005397	20	240
174020	HTsafeEM DN 90 x 500 mm	17	4052836005403	10	120
174030	HTsafeEM DN 90 x 750 mm	17	4052836005410	4	96
174040	HTsafeEM DN 90 x 1000 mm	17	4052836005427	4	96
174050	HTsafeEM DN 90 x 1500 mm	17	4052836005434	4	96
174060	HTsafeEM DN 90 x 2000 mm	17	4052836005441	4	96
174070	HTsafeEM DN 90 x 3000 mm	17	4052836005458	4	96

HTsafeEM – DN 110

175000	HTsafeEM DN 110 x 150 mm	17	4052836005670	20	160
175010	HTsafeEM DN 110 x 250 mm	17	4052836005687	20	160
175020	HTsafeEM DN 110 x 500 mm	17	4052836005694	10	80
175030	HTsafeEM DN 110 x 750 mm	17	4052836005700	4	60
175040	HTsafeEM DN 110 x 1000 mm	17	4052836005717	4	60
175050	HTsafeEM DN 110 x 1500 mm	17	4052836005724	4	60
175060	HTsafeEM DN 110 x 2000 mm	17	4052836005731	4	60
175070	HTsafeEM DN 110 x 3000 mm	17	4052836005748	4	60

HTsafeEM – DN 125

176000	HTsafeEM DN 125 x 150 mm	17	4052836006080	10	120
176010	HTsafeEM DN 125 x 250 mm	17	4052836006097	10	120
176020	HTsafeEM DN 125 x 500 mm	17	4052836006103	5	60
176030	HTsafeEM DN 125 x 750 mm	17	4052836006110	1	54
176040	HTsafeEM DN 125 x 1000 mm	17	4052836006127	1	54
176050	HTsafeEM DN 125 x 1500 mm	17	4052836006134	1	54
176060	HTsafeEM DN 125 x 2000 mm	17	4052836006141	1	54
176070	HTsafeEM DN 125 x 3000 mm	17	4052836006158	1	54

HTsafeEM – DN 160

177000	HTsafeEM DN 160 x 150 mm	17	4052836006301	1	84
177010	HTsafeEM DN 160 x 250 mm	17	4052836006318	1	56
177020	HTsafeEM DN 160 x 500 mm	17	4052836006325	1	35
177030	HTsafeEM DN 160 x 750 mm	17	4052836006332	1	35
177040	HTsafeEM DN 160 x 1000 mm	17	4052836006349	1	35
177050	HTsafeEM DN 160 x 1500 mm	17	4052836006356	1	35
177060	HTsafeEM DN 160 x 2000 mm	17	4052836006363	1	35
177070	HTsafeEM DN 160 x 3000 mm	17	4052836006370	1	35



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HTsafe® Pipe**HTsafeGL – Plain ended pipe**

Part No.	Name	HWG	EAN	VPE/Packing	VPE/Pallet
170080	HTsafeGL DN 32 x 5000 mm without sleeve	17	4052836004352	1	300
171080	HTsafeGL DN 40 x 5000 mm without sleeve	17	4052836004550	1	260
172080	HTsafeGL DN 50 x 5000 mm without sleeve	17	4052836004802	1	200
173080	HTsafeGL DN 75 x 5000 mm without sleeve	17	4052836005168	1	120
174080	HTsafeGL DN 90 x 5000 mm without sleeve	17	4052836005465	1	96
175080	HTsafeGL DN 110 x 5000 mm without sleeve	17	4052836005755	1	60
176080	HTsafeGL DN 125 x 5000 mm without sleeve	17	4052836006165	1	54
177080	HTsafeGL DN 160 x 5000 mm without sleeve	17	4052836006387	1	35

HTsafe® Bend**HTsafeB – DN 32**

15 Degrees

Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
170100	HTsafeB Elbow DN 32 15 Degrees	17	4052836004369	20	1400
170110	HTsafeB Elbow DN 32 30 Degrees	17	4052836004376	20	1400
170120	HTsafeB Elbow DN 32 45 Degrees	17	4052836004383	20	1400
170130	HTsafeB Elbow DN 32 67 Degrees	17	4052836004390	20	1400
170140	HTsafeB Elbow DN 32 88.5 Degrees	17	4052836004406	20	1400



30 Degrees

HTsafeB – DN 40

171100	HTsafeB Elbow DN 40 15 Degrees	17	4052836004567	20	960
171110	HTsafeB Elbow DN 40 30 Degrees	17	4052836004574	20	960
171120	HTsafeB Elbow DN 40 45 Degrees	17	4052836004581	20	960
171130	HTsafeB Elbow DN 40 67 Degrees	17	4052836004598	20	960
171140	HTsafeB Elbow DN 40 87 Degrees	17	4052836004604	20	960

HTsafeB – DN 50

172100	HTsafeB Elbow DN 50 15 Degrees	17	4052836004819	20	960
172110	HTsafeB Elbow DN 50 30 Degrees	17	4052836004826	20	960
172120	HTsafeB Elbow DN 50 45 Degrees	17	4052836004833	20	960
172130	HTsafeB Elbow DN 50 67 Degrees	17	4052836004840	20	960
172140	HTsafeB Elbow DN 50 87 Degrees	17	4052836004857	20	960



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HTsafe® Bend**HTsafeB – DN 75**

45 Degrees



67 Degrees



87 Degrees

HTsafeB – DN 90

Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
173100	HTsafeB Elbow DN 75 15 Degrees	17	4052836005175	20	480
173110	HTsafeB Elbow DN 75 30 Degrees	17	4052836005182	20	480
173120	HTsafeB Elbow DN 75 45 Degrees	17	4052836005199	20	480
173130	HTsafeB Elbow DN 75 67 Degrees	17	4052836005205	20	480
173140	HTsafeB Elbow DN 75 87 Degrees	17	4052836005212	20	480

HTsafeB – DN 110

174100	HTsafeB Elbow DN 90 15 Degrees	17	4052836005472	20	400*
174110	HTsafeB Elbow DN 90 30 Degrees	17	4052836005489	20	400*
174120	HTsafeB Elbow DN 90 45 Degrees	17	4052836005496	20	400*
174130	HTsafeB Elbow DN 90 67 Degrees	17	4052836005502	20	240
174140	HTsafeB Elbow DN 90 87 Degrees	17	4052836005519	20	240

HTsafeB – DN 125

175100	HTsafeB Elbow DN 110 15 Degrees	17	4052836005762	20	240
175110	HTsafeB Elbow DN 110 30 Degrees	17	4052836005779	20	240
175120	HTsafeB Elbow DN 110 45 Degrees	17	4052836005786	20	240
175130	HTsafeB Elbow DN 110 67 Degrees	17	4052836005793	20	160
175140	HTsafeB Elbow DN 110 87 Degrees	17	4052836005809	20	160

HTsafeB – DN 125

176100	HTsafeB Elbow DN 125 15 Degrees	17	4052836006172	20	160
176110	HTsafeB Elbow DN 125 30 Degrees	17	4052836006189	20	160
176120	HTsafeB Elbow DN 125 45 Degrees	17	4052836006196	20	160
176140	HTsafeB Elbow DN 125 87 Degrees	17	4052836006202	10	120

HTsafeB – DN 160

177100	HTsafeB Elbow DN 160 15 Degrees	17	4052836006394	10	80
177110	HTsafeB Elbow DN 160 30 Degrees	17	4052836006400	10	80
177120	HTsafeB Elbow DN 160 45 Degrees	17	4052836006417	5	60
177140	HTsafeB Elbow DN 160 87 Degrees	17	4052836006424	5	60

* VPE-Modification



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HTsafe® Branch**HTsafeEA – DN 32**

45 Degrees

Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
170200	HTsafeEA Branch DN 32/32 45 Degrees	17	4052836004413	20	960
170300	HTsafeEA Branch DN 32/32 67 Degrees	17	4052836004420	20	960
170400	HTsafeEA Branch DN 32/32 88.5 Degrees	17	4052836004437	20	960

HTsafeEA – DN 40

171200	HTsafeEA Branch DN 40/40 45 Degrees	17	4052836004611	20	960
171300	HTsafeEA Branch DN 40/40 67 Degrees	17	4052836004628	20	960
171400	HTsafeEA Branch DN 40/40 87 Degrees	17	4052836004635	20	960

HTsafeEA – DN 50

172210	HTsafeEA Branch DN 50/40 45 Degrees	17	4052836004871	20	480
172200	HTsafeEA Branch DN 50/50 45 Degrees	17	4052836004864	20	480
172310	HTsafeEA Branch DN 50/40 67 Degrees	17	4052836004895	20	480
172300	HTsafeEA Branch DN 50/50 67 Degrees	17	4052836004888	20	480
172410	HTsafeEA Branch DN 50/40 87 Degrees	17	4052836004918	20	480
172400	HTsafeEA Branch DN 50/50 87 Degrees	17	4052836004901	20	480

HTsafeEA – DN 75

173210	HTsafeEA Branch DN 75/50 45 Degrees	17	4052836005236	20	400
173200	HTsafeEA Branch DN 75/75 45 Degrees	17	4052836005229	20	240
173310	HTsafeEA Branch DN 75/50 67 Degrees	17	4052836005250	20	480
173300	HTsafeEA Branch DN 75/75 67 Degrees	17	4052836005243	20	240
173410	HTsafeEA Branch DN 75/50 87 Degrees	17	4052836005274	20	400
173400	HTsafeEA Branch DN 75/75 87 Degrees	17	4052836005267	20	240

HTsafeEA – DN 90

174220	HTsafeEA Branch DN 90/50 45 Degrees	17	4052836005540	20	240
174210	HTsafeEA Branch DN 90/75 45 Degrees	17	4052836005533	20	240
174200	HTsafeEA Branch DN 90/90 45 Degrees	17	4052836005526	20	160
174420	HTsafeEA Branch DN 90/50 87 Degrees	17	4052836005571	20	240
174410	HTsafeEA Branch DN 90/75 87 Degrees	17	4052836005564	20	240
174400	HTsafeEA Branch DN 90/90 87 Degrees	17	4052836005557	20	160

HTsafeEA – DN 110

175220	HTsafeEA Branch DN 110/50 45 Degrees	17	4052836005830	20	240
175210	HTsafeEA Branch DN 110/75 45 Degrees	17	4052836005823	20	160
175200	HTsafeEA Branch DN 110/110 45 Degrees	17	4052836005816	8	96
175320	HTsafeEA Branch DN 110/50 67 Degrees	17	4052836005861	20	240
175310	HTsafeEA Branch DN 110/75 67 Degrees	17	4052836005854	20	160
175300	HTsafeEA Branch DN 110/110 67 Degrees	17	4052836005847	10	120
175420	HTsafeEA Branch DN 110/50 87 Degrees	17	4052836005885	20	240
175410	HTsafeEA Branch DN 110/75 87 Degrees	17	4052836005878	20	160
175400	HTsafeEA Branch DN 110/110 87 Degrees	17	4052836005877	10	120



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HTsafe® Branch**HTsafeEA – DN 125**

Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
176210	HTsafeEA Branch DN 125/110 45 Degrees	17	4052836006226	5	60
176200	HTsafeEA Branch DN 125/125 45 Degrees	17	4052836006219	5	60
176410	HTsafeEA Branch DN 125/110 87 Degrees	17	4052836006240	5	60
176400	HTsafeEA Branch DN 125/125 87 Degrees	17	4052836006233	5	60

HTsafeEA – DN 160

177210	HTsafeEA Branch DN 160/110 45 Degrees	17	4052836006448	5	40
177200	HTsafeEA Branch DN 160/160 45 Degrees	17	4052836006431	5	30
177410	HTsafeEA Branch DN 160/110 87 Degrees	17	4052836006462	5	60
177400	HTsafeEA Branch DN 160/160 87 Degrees	17	4052836006455	4	48

HTsafe® Double Branch**HTsafeDA**

Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
172900	HTsafeDA Double Branch DN 50/50/50 67 Degrees	17	4052836005021	20	480
173900	HTsafeDA Double Branch DN 75/75/75 67 Degrees	17	4052836005373	20	240
174900	HTsafeDA Double Branch DN 90/90/90 87 Degrees	17	4052836005663	20	160
175900	HTsafeDA Double Branch DN 110/110/110 67 Degrees	17	4052836006059	5	60
175910	HTsafeDA Double Branch DN 110/50/50 67 Degrees	17	4052836006066	10	120

HTsafe® Double Connection Elbow**HTsafeDSW**

Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
172970	HTsafeDSW Double Connection Elbow DN 40/50/40	17	4052836005076	20	480

HTsafe® Corner Double Branch**HTsafeED**

Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
175920	HTsafeED Corner Branch DN 110/110/110 67 Degrees	17	4052836006073	10	80



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HTsafe® Coupler

HTsafeU



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
170500	HTsafeU Coupler DN 32	17	4052836004444	20	1400
171500	HTsafeU Coupler DN 40	17	4052836004642	20	960
172500	HTsafeU Coupler DN 50	17	4052836004925	20	960
173500	HTsafeU Coupler DN 75	17	4052836005281	20	480
174500	HTsafeU Coupler DN 90	17	4052836005588	20	480
175500	HTsafeU Coupler DN 110	17	4052836005892	20	240
176500	HTsafeU Coupler DN 125	17	4052836006257	20	160
177500	HTsafeU Coupler DN 160	17	4052836006479	15	120

HTsafe® Connection piece to cast-iron pipe

HTsafeUG



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
172820	HTsafeUG Connection piece to cast-iron pipe DN 50	17	4052836005014	20	960
173820	HTsafeUG Connection piece to cast-iron pipe DN 75	17	4052836005366	20	480
175820	HTsafeUG Connection piece to cast-iron pipe DN 110	17	4052836006042	20	480

HTsafe® Plug

HTsafeM



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
170620	HTsafeM Plug DN 32	17	4052836004468	100	7000
171620	HTsafeM Plug DN 40	17	4052836004666	20	2880
172620	HTsafeM Plug DN 50	17	4052836004956	20	2880
173620	HTsafeM Plug DN 75	17	4052836005311	20	2560
174620	HTsafeM Plug DN 90	17	4052836005618	20	960
175620	HTsafeM Plug DN 110	17	4052836005922	20	960
176620	HTsafeM Plug DN 125	17	4052836006288	20	480
177620	HTsafeM Plug DN 160	17	4052836006509	20	480

HTsafe® Double socket

HTsafeMM



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
170510	HTsafeMM Double socket DN 32	17	4052836004451	20	1400
171510	HTsafeMM Double socket DN 40	17	4052836004659	20	960
172510	HTsafeMM Double socket DN 50	17	4052836004932	20	960
173510	HTsafeMM Double socket DN 75	17	4052836005298	20	480
174510	HTsafeMM Double socket DN 90	17	4052836005595	20	480
175510	HTsafeMM Double socket DN 110	17	4052836005908	20	240
176510	HTsafeMM Double socket DN 125	17	4052836006264	20	160
177510	HTsafeMM Double socket DN 160	17	4052836006486	15	120



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HTsafe® Reducer, eccentric

HTsafeR



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
171710	HTsafeR Reducer DN 40/32	17	4052836004673	20	1400
172720	HTsafeR Reducer DN 50/32	17	4052836004987	20	960
172710	HTsafeR Reducer DN 50/40	17	4052836004963	20	960
173710	HTsafeR Reducer DN 75/50	17	4052836005328	20	480
174720	HTsafeR Reducer DN 90/50	17	4052836005632	20	480
174710	HTsafeR Reducer DN 90/75	17	4052836005625	20	480
175720	HTsafeR Reducer DN 110/50	17	4052836005977	20	480
175710	HTsafeR Reducer DN 110/75	17	4052836005953	20	480
175700	HTsafeR Reducer DN 110/90	17	4052836005939	20	240
176710	HTsafeR Reducer DN 125/110	17	4052836006295	20	240
177710	HTsafeR Reducer DN 160/110	17	4052836006523	20	160
177700	HTsafeR Reducer DN 160/125	17	4052836006516	20	160

HTsafe® Reducer, short

HTsafeR



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
172715	HTsafeR Reducer DN 50/40 Short Version	17	4052836004970	20	1400
173715	HTsafeR Reducer DN 75/50 Short Version	17	4052836005335	20	480
174730	HTsafeR Reducer DN 90/50 Short Version	17	4052836005649	20	480
175725	HTsafeR Reducer DN 110/50 Short Version	17	4052836005984	20	480
175715	HTsafeR Reducer DN 110/70 Short Version	17	4052836005960	20	480
175705	HTsafeR Reducer DN 110/90 Short Version	17	4052836005946	20	480

HTsafe® Cleaning Pipe

HTsafeRE



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
172600	HTsafeRE Cleaning Pipe DN 50	17	4052836004949	20	480
173600	HTsafeRE Cleaning Pipe DN 75	17	4052836005304	20	480
174600	HTsafeRE Cleaning Pipe DN 90	17	4052836005601	20	240
175600	HTsafeRE Cleaning Pipe DN 110	17	4052836005915	20	160
176600	HTsafeRE Cleaning Pipe DN 125	17	4052836006271	5	60
177600	HTsafeRE Cleaning Pipe DN 160	17	4052836006493	5	60



by Gebr. Ostendorf Kunststoffe

HTsafe® Inner reducer

HTsafeRI



HTsafe® Long socket

HTsafeL



HTsafe® Connection piece to iron pipes

HTsafeS



HTsafe® Siphon bend

HTsafeSW



HTsafe® Plug-in socket

HTsafeSM



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
175750	HTsafeSM Plug-in socket DN 110/110	17	4052836005991	20	240



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HTsafe® Single socket

HTsafeAM



HTsafe®

Replacement Lip seal SBR



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
172810	HTsafeAM Single socket	17	4052836005007	20	480
173810	HTsafeAM Single socket	17	4052836005359	20	480
175810	HTsafeAM Single socket	17	4052836006035	20	240

HTsafe®

NBR gasket (resistang against oils, petrol and fats (animal, vegetable, mineral))

Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
880217	NBR gasket DN 40 (HT Safe)	17	4052836004048	-	13000
880227	NBR gasket DN 50 (HT Safe)	17	4052836004062	-	24864
880237	NBR gasket DN 75 (HT Safe)	17	4052836004086	-	13000
880247	NBR gasket DN 90 (HT/Skolan Safe)	17	4052836004109	-	13000
880267	NBR gasket DN 110 (HT Safe)	17	4052836004123	-	5481
880277	NBR gasket DN 125 (HT Safe)	17	4052836004147	-	3600
880297	NBR gasket DN 160 (HT Safe)	17	4052836004161	-	1863



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HTsafe®

HTsafeGA – Gasket



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
881005	GA-Gasket DN 50	-	4052836810052	36	3024
881015	GA-Gasket DN 75	-	4052836810151	30	2520
881025	GA-Gasket DN 100	-	4052836810250	16	1344

HTsafe®

HTsafeGM – Gasket for siphon bend



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
881200	HTGM Gasket for siphon bend DN 40/30 A	-	4052836812001	20	4800
881210	HTGM Gasket for siphon bend DN 40/30 B	-	4052836812100	20	4800
881220	HTGM Gasket for siphon bend DN 40/40 C	-	4052836812209	20	4800
881230	HTGM Gasket for siphon bend DN 40/50/1 1/4	-	4052836812308	20	4800
881240	HTGM Gasket for siphon bend DN 50/30 D	-	4052836812407	20	4800
881250	HTGM Gasket for siphon bend DN 50/40 E	-	4052836812506	20	4800
881260	HTGM Gasket for siphon bend DN 50/50 F	-	4052836812605	20	4800

HTsafe®

HTsafe – Pull-out Protection



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
881500	Pull-out Protection DN 50	-	4052836815002	50	2400
881510	Pull-out Protection DN 75	-	4052836815101	30	1440
881520	Pull-out Protection DN 90	-	4052836815200	20	960
881530	Pull-out Protection DN 110	-	4052836815309	20	960
881540	Pull-out Protection DN 125	-	4052836815408	9	432
881550	Pull-out Protection DN 150	-	4052836815507	10	240

HTsafe®

HTsafe – Lubricant



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
881800	Lubricant 150 g	-	4052836818003	50	1750
881810	Lubricant 250 g	-	4052836818102	50	1800
881820	Lubricant 500 g	-	4052836818201	24	864
881830	Lubricant 1,000 g	-	4052836818300	12	432



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HTsafe®

HTsafe – Rubber nipple for metal or lead pipes

Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
881309	Rubber nipple for metal or lead pipes DN 40 1 1/4"	-	4025075007415	60	8640
881319	Rubber nipple for metal or lead pipes DN 50 1 1/2"	-	4050463100737	40	5760
881329	Rubber nipple for metal or lead pipes DN 50 1 1/4"	-	4050463100720	40	5760

One thing is sure.



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www.ht-safe.de

