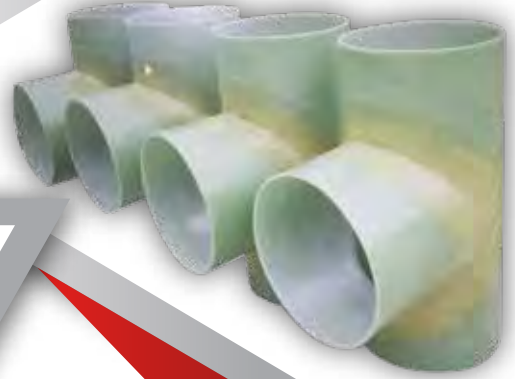




ULTRA
Engineering Services L.L.C.



**COMPLETE - MEP
FABRICATION SOLUTION**
(uPVC, GRP, HDPE, GI, S Steel)



sales@ultraenguae.com



www.ultraenguae.com

TEL : 06 - 74 31 648, Mob : 050 - 20 15 774, FAX : 06 - 74 31 642, P.O Box : 8689, AJMAN - U.A.E

COMPANY PROFILE

ULTRA ENGINEERING SERVICES LLC, is specialized in making PVC, PE,GRP,GI Steel Fabrication fittings including site services. We have been in the market since 2009 and have executed several prestigious projects by delivering quality products and catering to the needs of the client.

We fully understand the needs of the end users and are committed in delivering quality service. Our Technical team and fabricators have long term experience and knowledge in preparation of drawings designing, supply and installation at site. The fabricated products are made of highest standards under stringent quality control & inspections.

Our Portfolio consist of uPVC Fabricated products, PE Fabricated products,GRP Fabricated products GI and Mild steel fabrication, PE Welding including installation & Grp Site services.

We also have European brand specialized Equipments for Rent and offer PE welding onsite services and installation.

We have supplied products to some of prestigious projects such as :-

Emaar projects, Nakheel Projects, Wasel projects, Maktoum Airport, Jafza Convension center, JLT towers,Dubai health care city, BurjDubai hotel,Sewa, Fewa,Dewa, Enoc Pumbing stations, Palm Villas, Barrari Projects,Dubai Mall 2nd Phase,Creek Harbour project, Arabian Ranches phases Dubai hills etc.

We have also supplied products through our channel partners within UAE & other GCC countries as well. Our products are approved by Royal Oman Police and Sharjah and Ajman departments etc.

We also have a Trading & distribution division called Basel Sanitary material trdg that supplies Premium branded plastics products of PVC,PP, PE, PPR pipes and fittings .



U PVC FABRICATED PRODUCT LIST

- Grease Traps (Type A,B,C & D)
- Catch Basins
- Dry Manholes
- Puddle Flanges
- Sand Trap Buckets
- Gully Traps (Road Gully, Dry Gully etc)
- End Caps (Up to 400mm Ø)
- Grease interceptors, Oil Traps
- Heavy Duty PVC Gratings
- Long Radius Bends
- Offset, Pressure Header
- Perforated Flanged Pipes, Parapet Outlets
- Push fit Adaptors, Threaded Adaptors
- PVC Tank and Containers (for chemical storage)
- Soak Way, Silt Bucket
- Stack Drain Speed Breaker
- Weir Box (used in desalination plants)
- Custom P-Traps
- Fabricated Tees, Elbow etc
- Slotted Land Drain Pipes
- Fabricated Couplers
- Water Supply Headers
- Special Funnels
- Fabricated Reducer Y-Banches and many more.....





Weir Box



Filtration Bucket



Pressure Headers



High PR. Fittings



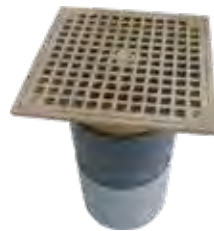
Dry Gully Traps



Fabricated End Caps



Catch Basins



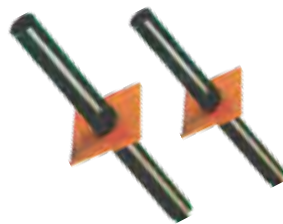
Threaded Adaptors



Perforated Flanges



Crease Trap A



Puddle Flanges



Grease Trap B



Grease Trap D



Runing Traps



Grease Trap C



Roof Outlet A



Cross Over



45 Elbow



Bosch Tee



Open Gully Trap



Long Radius Bends



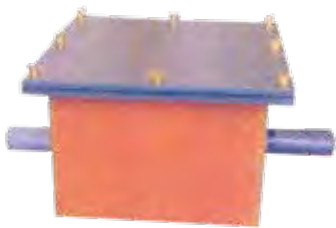
Perforated Bend



Metered Bends



Road Gully



Pressure Breaking Chambers



Interceptors



Ramp Gully



Fabricated Couplers



Draymanholes



Bell Mouth Flanges



Sand Trap Bukets



Sound Proof Pipe Collar



UPVC Pipe Collar



Fabricated T



Vent Coul



Floor Trap Extension



King Nipples



Adaptors



PE Reducing Bush



Pressure Fab Male Socket



Sound Proof to pvc Adapter Soket



Offset Bend



Water Supply Header



Pvc Manhole Cover



Dry Manholes

PE FABRICATED PRODUCTS



PE Funnel with
HDPE grating



PE puddle plate pipe



PE puddle plate with
both end Assy



PE puddle plate Assy



PE 45° Special Double
Branch



PE 90° Elbow



PE Puddle Pipe



PE Offset Bend



PE 11¼° or 22½° Elbow



PE Cross Tee



PE Y Branch



PE 90° Tee



PE Fig/Flg Pipe
with Puddle



PE Vortex Inhibitor



PE Sealed Gully Trap

GRP FABRICATED PRODUCTS



GRP Reducing Tee



GRP Meter Box



GRP 11 1/4 or 22 1/2" Elbow



GRP Sand Basket



GRP Manifold



GRP 90° Flange Elbow



GRP Sand Trap



GRP Equal Spigot Tee



GRP Equal Flange Tee



GI, S-STEEL, MILD STEEL FABRICATED PRODUCTS



Stainless Steel Fabrication



HDPE & GRP SERVICES FOR SITE INSTALLATIONS



HDPE EQUIPMENT RENTAL SERVICES FOR BUTT FUSION, ELECTROFUSION



Skolan Safe®

Soundproof pipe system

Delivery range 2018



Skolan
safe®

Gebr. Ostendorf Kunststoffe GmbH

Rudolf-Diesel-Straße 6–8 · 49377 Vechta · Germany

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www.ostendorf-kunststoffe.com

Skolan Safe®: Securer, quieter, better.

We have made the
good even better.

NEW: Patented 3 lip seal
Simple and secure
installation

NEW: Hydraulically
smooth inner
surface
Increased level of
sound insulation
through a frictionless
water flow

NEW: Smoother outside
surface
With anti-smearing
properties

17 dB (A)*
P-BA 221/2016

Z-42.1-217

25-year
guarantee

Made in
Germany

Skolan
safe®

By continuous development of our in-house water waste system, we present Skolan Safe – a step forward in advancement for a complete solution for buildings of high standard.

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 hydraulically smooth inner surface assures not only for a continuous fluid flow, but also that the sound emissions are also acutely reduced.

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

Available from 2018
at all respected and renown wholesalers

Gebr. Ostendorf Kunststoffe GmbH

Rudolf-Diesel-Straße 6-8 · 49377 Vechta · Germany

Phone +49 (0) 4441 874-10 · Fax +49 (0) 4441 874-15

verkauf@ostendorf-kunststoffe.com

www.ostendorf-kunststoffe.com



Material properties Skolan Safe® Soundproof pipe system

Commerical Name

Ostendorf Skolan Safe®

Material

mineral-reinforced polypropylene (PP)

- normal inflammability as per DIN 4102 B2

Production

DIBt-approval Z-42.1-217

Application

Soundproof pipe system

Drainage within the building structure
until the transfer chamber as

- waste water pipe
- rain water pipe
- ventilation pipe

(see also areas of application DIN 1986-4)

Nominal diameters (DN/OD)

58 / 78 / 90 / 110 / 135 / 160 / 200

Colour

Light grey RAL 7035

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, Skolan Safe, nominal diameter, approval No. Z-42.1-217, date of manufacture, material, building material class (fire behaviour)

- Fittings additionally bear information about the nominal angle

Sound insulation

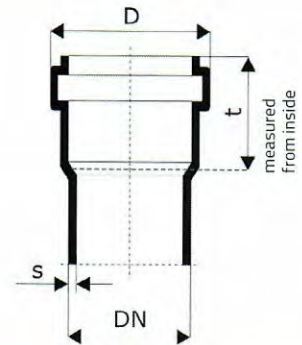
Measured value 17 dB (A)

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

Noise emission at 4 litres volume flow to measurement with Bismat 1000 (P-BA 221/2016)

Central vacuum cleaning system

Test certificate of the State Material Testing Institute Darmstadt



DN (OD)	s (mm)	D (mm)	t (mm)
58	4,0	76	60
78	4,5	97	61
90	4,5	110	64
110	5,3	136	84
135	5,3	160	80
160	5,3	191	102
200	6,2	237	123



SKOLANSafeEM – Single socket pipe

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
332000	SKOLANSafeEM Single socket pipe DN/OD 58 x 150 mm	4052836320001	single unit	18	432	Unit changed
332010	SKOLANSafeEM Single socket pipe DN/OD 58 x 250 mm	4052836320100	single unit	20	320	Unit changed
332020	SKOLANSafeEM Single socket pipe DN/OD 58 x 500 mm	4052836320209	single unit	12	192	Unit changed
332040	SKOLANSafeEM Single socket pipe DN/OD 58 x 1000 mm	4052836320407	single unit		114	Unit changed
332060	SKOLANSafeEM Single socket pipe DN/OD 58 x 2000 mm	4052836320605	single unit		114	Unit changed
332070	SKOLANSafeEM Single socket pipe DN/OD 58 x 3000 mm	4052836320704	single unit		114	Unit changed
333000	SKOLANSafeEM Single socket pipe DN/OD 78 x 150 mm	4052836330000	single unit	10	240	Unit changed
333010	SKOLANSafeEM Single socket pipe DN/OD 78 x 250 mm	4052836330109	single unit	14	224	Unit changed
333020	SKOLANSafeEM Single socket pipe DN/OD 78 x 500 mm	4052836330208	single unit	16	128	Unit changed
333040	SKOLANSafeEM Single socket pipe DN/OD 78 x 1000 mm	4052836330406	single unit		70	Unit changed
333060	SKOLANSafeEM Single socket pipe DN/OD 78 x 2000 mm	4052836330604	single unit		70	Unit changed
333070	SKOLANSafeEM Single socket pipe DN/OD 78 x 3000 mm	4052836330703	single unit		70	Unit changed
334000	SKOLANSafeEM Single socket pipe DN/OD 90 x 150 mm	4052836340009	single unit	8	192	Unit changed
334010	SKOLANSafeEM Single socket pipe DN/OD 90 x 250 mm	4052836340108	single unit	8	128	Unit changed
334020	SKOLANSafeEM Single socket pipe DN/OD 90 x 500 mm	4052836340207	single unit	12	96	Unit changed
334040	SKOLANSafeEM Single socket pipe DN/OD 90 x 1000 mm	4052836340405	single unit		60	Unit changed
334060	SKOLANSafeEM Single socket pipe DN/OD 90 x 2000 mm	4052836340603	single unit		60	Unit changed
334070	SKOLANSafeEM Single socket pipe DN/OD 90 x 3000 mm	4052836340702	single unit		60	Unit changed
335000	SKOLANSafeEM Single socket pipe DN/OD 110 x 150 mm	4052836350008	single unit	20	160	Unit changed
335010	SKOLANSafeEM Single socket pipe DN/OD 110 x 250 mm	4052836350107	single unit	12	96	Unit changed
335020	SKOLANSafeEM Single socket pipe DN/OD 110 x 500 mm	4052836350206	single unit	8	64	Unit changed
335040	SKOLANSafeEM Single socket pipe DN/OD 110 x 1000 mm	4052836350404	single unit		40	Unit changed
335060	SKOLANSafeEM Single socket pipe DN/OD 110 x 2000 mm	4052836350602	single unit		40	Unit changed
335070	SKOLANSafeEM Single socket pipe DN/OD 110 x 3000 mm	4052836350701	single unit		40	Unit changed
336000	SKOLANSafeEM Single socket pipe DN/OD 135 x 150 mm	4052836360007	single unit		120	Unit changed
336010	SKOLANSafeEM Single socket pipe DN/OD 135 x 250 mm	4052836360106	single unit		96	Unit changed
336020	SKOLANSafeEM Single socket pipe DN/OD 135 x 500 mm	4052836360205	single unit		48	Unit changed
336040	SKOLANSafeEM Single socket pipe DN/OD 135 x 1000 mm	4052836360403	single unit		24	Unit changed
336060	SKOLANSafeEM Single socket pipe DN/OD 135 x 2000 mm	4052836360601	single unit		24	Unit changed
336070	SKOLANSafeEM Single socket pipe DN/OD 135 x 3000 mm	4052836360700	single unit		24	Unit changed
337000	SKOLANSafeEM Single socket pipe DN/OD 160 x 150 mm	4052836370006	single unit		84	Unit changed
337010	SKOLANSafeEM Single socket pipe DN/OD 160 x 250 mm	4052836370105	single unit		48	Unit changed
337020	SKOLANSafeEM Single socket pipe DN/OD 160 x 500 mm	4052836370204	single unit		35	Unit changed
337040	SKOLANSafeEM Single socket pipe DN/OD 160 x 1000 mm	4052836370402	single unit		21	Unit changed
337060	SKOLANSafeEM Single socket pipe DN/OD 160 x 2000 mm	4052836370600	single unit		21	Unit changed
337070	SKOLANSafeEM Single socket pipe DN/OD 160 x 3000 mm	4052836370709	single unit		21	Unit changed
338000	SKOLANSafeEM Single socket pipe DN/OD 200 x 150 mm	4052836380005	single unit		45	Unit changed
338010	SKOLANSafeEM Single socket pipe DN/OD 200 x 250 mm	4052836380104	single unit		30	Unit changed
338020	SKOLANSafeEM Single socket pipe DN/OD 200 x 500 mm	4052836380203	single unit		20	Unit changed
338040	SKOLANSafeEM Single socket pipe DN/OD 200 x 1000 mm	4052836380401	single unit		15	Unit changed
338060	SKOLANSafeEM Single socket pipe DN/OD 200 x 2000 mm	4052836380609	single unit		15	Unit changed
338070	SKOLANSafeEM Single socket pipe DN/OD 200 x 3000 mm	4052836380708	single unit		15	Unit changed

SKOLANsafeGL – Plain end pipe

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
332080	SKOLANsafeGL Plain end pipe DN/OD 58 x 3000 mm without socket	4052836320803	single unit		114	Unit changed
333080	SKOLANsafeGL Plain end pipe DN/OD 78 x 3000 mm without socket	4052836330802	single unit		70	Unit changed
334065	SKOLANsafeGL Plain end pipe DN/OD 90 x 2000 mm without socket	4052836340658	single unit		60	Unit changed
334080	SKOLANsafeGL Plain end pipe DN/OD 90 x 3000 mm without socket	4052836340801	single unit		60	Unit changed
335080	SKOLANsafeGL Plain end pipe DN/OD 110 x 3000 mm without socket	4052836350800	single unit		40	Unit changed
336080	SKOLANsafeGL Plain end pipe DN/OD 135 x 3000 mm without socket	4052836360809	single unit		24	Unit changed
337080	SKOLANsafeGL Plain end pipe DN/OD 160 x 3000 mm without socket	4052836370808	single unit		21	Unit changed
338080	SKOLANsafeGL Plain end pipe DN/OD 200 x 3000 mm without socket	4052836380807	single unit		15	Unit changed

SKOLANsafeB – Bend

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
332100	SKOLANsafeB Bend DN/OD 58 15 Degrees	4052836321008	4	24	576	Unit changed
332110	SKOLANsafeB Bend DN/OD 58 30 Degrees	4052836321107	4	24	576	Unit changed
332120	SKOLANsafeB Bend DN/OD 58 45 Degrees	4052836321206	4	24	576	Unit changed
332130	SKOLANsafeB Bend DN/OD 58 67 Degrees	4052836321305	4	20	480	Unit changed
332140	SKOLANsafeB Bend DN/OD 58 87 Degrees	4052836321404	4	20	480	Unit changed
333100	SKOLANsafeB Bend DN/OD 78 15 Degrees	4052836331007	4	16	384	Unit changed
333110	SKOLANsafeB Bend DN/OD 78 30 Degrees	4052836331106	4	16	384	Unit changed
333120	SKOLANsafeB Bend DN/OD 78 45 Degrees	4052836331205	4	20	320	Unit changed
333130	SKOLANsafeB Bend DN/OD 78 67 Degrees	4052836331304	4		500	Unit changed
333140	SKOLANsafeB Bend DN/OD 78 87 Degrees	4052836331403	2	20	320	Unit changed
334100	SKOLANsafeB Bend DN/OD 90 15 Degrees	4052836341006	2	20	320	Unit changed
334110	SKOLANsafeB Bend DN/OD 90 30 Degrees	4052836341105	2	20	320	Unit changed
334120	SKOLANsafeB Bend DN/OD 90 45 Degrees	4052836341204	4	32	256	Unit changed
334140	SKOLANsafeB Bend DN/OD 90 87 Degrees	4052836341402	2	16	256	Unit changed
335100	SKOLANsafeB Bend DN/OD 110 15 Degrees	4052836351005	4	24	192	Unit changed
335110	SKOLANsafeB Bend DN/OD 110 30 Degrees	4052836351104	4	24	192	Unit changed
335120	SKOLANsafeB Bend DN/OD 110 45 Degrees	4052836351203	4	24	192	Unit changed
335130	SKOLANsafeB Bend DN/OD 110 67 Degrees	4052836351302	4	20	160	Unit changed
335140	SKOLANsafeB Bend DN/OD 110 87 Degrees	4052836351401	2	16	128	Unit changed
336100	SKOLANsafeB Bend DN/OD 135 15 Degrees	4052836361004	2		180	Unit changed
336110	SKOLANsafeB Bend DN/OD 135 30 Degrees	4052836361103	2		160	Unit changed
336120	SKOLANsafeB Bend DN/OD 135 45 Degrees	4052836361202	4		140	Unit changed
336140	SKOLANsafeB Bend DN/OD 135 87 Degrees	4052836361400	2		96	Unit changed
337100	SKOLANsafeB Bend DN/OD 160 15 Degrees	4052836371003	2		92	Unit changed
337110	SKOLANsafeB Bend DN/OD 160 30 Degrees	4052836371102	2		84	Unit changed
337120	SKOLANsafeB Bend DN/OD 160 45 Degrees	4052836371201	2		60	Unit changed
337140	SKOLANsafeB Bend DN/OD 160 87 Degrees	4052836371409	2		60	Unit changed
338100	SKOLANsafeB Bend DN/OD 200 15 Degrees	4052836381002	single unit		40	Unit changed
338110	SKOLANsafeB Bend DN/OD 200 30 Degrees	4052836381101	single unit		38	Unit changed
338120	SKOLANsafeB Bend DN/OD 200 45 Degrees	4052836381200	single unit		38	Unit changed



87°



67°



45°

SKOLANSafeEA – Branch

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
332200	SKOLANSafeEA Branch DN/OD 58/58 45 Degrees	4052836322005	2	24	384	Unit changed
332300	SKOLANSafeEA Branch DN/OD 58/58 67 Degrees	4052836323002	2		500	Unit changed
332400	SKOLANSafeEA Branch DN/OD 58/58 87 Degrees	4052836324009	4		500	Unit changed
333210	SKOLANSafeEA Branch DN/OD 78/58 45 Degrees	4052836332103	2	12	192	Unit changed
333310	SKOLANSafeEA Branch DN/OD 78/58 67 Degrees	4052836333100	2		340	Unit changed
333410	SKOLANSafeEA Branch DN/OD 78/58 87 Degrees	4052836334107	2	16	256	Unit changed
333200	SKOLANSafeEA Branch DN/OD 78/78 45 Degrees	4052836332004	4	20	160	Unit changed
333300	SKOLANSafeEA Branch DN/OD 78/78 67 Degrees	4052836333001	2		280	Unit changed
333400	SKOLANSafeEA Branch DN/OD 78/78 87 Degrees	4052836334008	4		288	Unit changed
334220	SKOLANSafeEA Branch DN/OD 90/58 45 Degrees	4052836342201	2	10	160	Unit changed
334420	SKOLANSafeEA Branch DN/OD 90/58 87 Degrees	4052836344205	2	12	192	Unit changed
334210	SKOLANSafeEA Branch DN/OD 90/78 45 Degrees	4052836342102	2		216	Unit changed
334410	SKOLANSafeEA Branch DN/OD 90/78 87 Degrees	4052836344106	2		240	Unit changed
334200	SKOLANSafeEA Branch DN/OD 90/90 45 Degrees	4052836342003	2	18	144	Unit changed
334400	SKOLANSafeEA Branch DN/OD 90/90 87 Degrees	4052836344007	2	14	112	Unit changed
335220	SKOLANSafeEA Branch DN/OD 110/58 45 Degrees	4052836352200	4	16	128	Unit changed
335320	SKOLANSafeEA Branch DN/OD 110/58 67 Degrees	4052836353207	4		180	Unit changed
335420	SKOLANSafeEA Branch DN/OD 110/58 87 Degrees	4052836354204	4	20	160	Unit changed
335210	SKOLANSafeEA Branch DN/OD 110/78 45 Degrees	4052836352101	4	12	96	Unit changed
335310	SKOLANSafeEA Branch DN/OD 110/78 67 Degrees	4052836353108	2		140	Unit changed
335410	SKOLANSafeEA Branch DN/OD 110/78 87 Degrees	4052836354105	2	14	112	Unit changed
335200	SKOLANSafeEA Branch DN/OD 110/110 45 Degrees	4052836352002	4	12	96	Unit changed
335300	SKOLANSafeEA Branch DN/OD 110/110 67 Degrees	4052836353009	2		120	Unit changed
335400	SKOLANSafeEA Branch DN/OD 110/110 87 Degrees	4052836354006	4	12	96	Unit changed
336210	SKOLANSafeEA Branch DN/OD 135/110 45 Degrees	4052836362100	2		70	Unit changed
336410	SKOLANSafeEA Branch DN/OD 135/110 87 Degrees	4052836364104	2		40	Unit changed
336200	SKOLANSafeEA Branch DN/OD 135/135 45 Degrees	4052836362001	2		56	Unit changed
336400	SKOLANSafeEA Branch DN/OD 135/135 87 Degrees	4052836364005	2		40	Unit changed
337210	SKOLANSafeEA Branch DN/OD 160/110 45 Degrees	4052836372109	2		46	Unit changed
337410	SKOLANSafeEA Branch DN/OD 160/110 87 Degrees	4052836374103	2		46	Unit changed
337200	SKOLANSafeEA Branch DN/OD 160/160 45 Degrees	4052836372000	2		28	Unit changed
337400	SKOLANSafeEA Branch DN/OD 160/160 87 Degrees	4052836374004	2		32	Unit changed
338210	SKOLANSafeEA Branch DN/OD 200/160 45 Degrees	4052836382108	single unit		20	Unit changed
338200	SKOLANSafeEA Branch DN/OD 200/200 45 Degrees	4052836382009	single unit		14	Unit changed



SKOLANSafeAM – Single socket

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
332810	SKOLANSafeAM Single socket DN/OD 58	4052836328106	4	24	576	Unit changed
333810	SKOLANSafeAM Single socket DN/OD 78	4052836338105	4	16	384	Unit changed
334810	SKOLANSafeAM Single socket DN/OD 90	4052836348104	2	14	224	Unit changed
335810	SKOLANSafeAM Single socket DN/OD 110	4052836358103	4	36	288	Unit changed
336810	SKOLANSafeAM Single socket DN/OD 135	4052836368102	4		160	Unit changed
337810	SKOLANSafeAM Single socket DN/OD 160	4052836378101	2		120	Unit changed
338810	SKOLANSafeAM Single socket DN/OD 200	4052836388100	single unit		45	Unit changed



SKOLANSafeMM – Double socket

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
332510	SKOLANSafeMM Double socket DN/OD 58	4052836081551	4		1100	New articles
333510	SKOLANSafeMM Double socket DN/OD 78	4052836081582	4	16	384	
334510	SKOLANSafeMM Double socket DN/OD 90	4052836081612	single unit	27	648	
335510	SKOLANSafeMM Double socket DN/OD 110	4052836081636	4	28	224	
336510	SKOLANSafeMM Double socket DN/OD 135	4052836081667	4		180	
337510	SKOLANSafeMM Double socket DN/OD 160	4052836081698	2		96	
338510	SKOLANSafeMM Double socket DN/OD 200	4052836081728	single unit		50	



SKOLANSafeL – Long socket

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
335930	SKOLANSafeL Long socket DN/OD 110	4052836359308	2		190	Unit changed



SKOLANSafeM – Plug

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
332620	SKOLANSafeM Plug DN/OD 58	4052836326201	4		1700	Unit changed
333620	SKOLANSafeM Plug DN/OD 78	4052836336200	4		1100	Unit changed
334620	SKOLANSafeM Plug DN/OD 90	4052836346209	single unit	76	1216	Unit changed
335620	SKOLANSafeM Plug DN/OD 110	4052836356208	4		448	Unit changed
336620	SKOLANSafeM Plug DN/OD 135	4052836366207	2		400	Unit changed
337620	SKOLANSafeM Plug DN/OD 160	4052836376206	2		256	Unit changed
338620	SKOLANSafeM Plug DN/OD 200	4052836386205	2		160	Unit changed



SKOLANSafeU – Coupler

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
332500	SKOLANSafeU Coupler DN/OD 58	4052836325006	4		1100	Unit changed
333500	SKOLANSafeU Coupler DN/OD 78	4052836335005	4	16	384	Unit changed
334500	SKOLANSafeU Coupler DN/OD 90	4052836345004	single unit	27	648	Unit changed
335500	SKOLANSafeU Coupler DN/OD 110	4052836355003	4	28	224	Unit changed
336500	SKOLANSafeU Coupler DN/OD 135	4052836365002	4		180	Unit changed
337500	SKOLANSafeU Coupler DN/OD 160	4052836375001	2		96	Unit changed
338500	SKOLANSafeU Coupler DN/OD 200	4052836385000	single unit		50	Unit changed



SKOLANSafe – Connection to HT

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
332830	SKOLANSafe Connection to HT DN/OD 58 - short version Discontinued article, will be replaced by sleeve solution in Q2/2018	4052836328304	single unit	20	480	Unit changed
332820	SKOLANSafe Connection to HT DN/OD 58 - long version Discontinued article, will be replaced by sleeve solution in Q2/2018	4052836328205	4		2200	Unit changed
333830	SKOLANSafe Connection to HT DN/OD 75	4052836338303	single unit	20	480	Unit changed
336820	SKOLANSafe Connection to HT/KG DN/OD 125	4052836368201	4		160	Unit changed



Skolan Safe – Transition sleeve

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
910833	SKOLANSafe transition sleeve Skolan Safe 58/ HT Safe 50 mm	4052836086754	single unit	20	2560	New article available from Q2/2018



SKOLANSafeDA – Double branch

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
334900	SKOLANSafeDA Double branch DN/OD 90/90/90 87 Degrees	4052836349002	single unit	5	120	Unit changed
335900	SKOLANSafeDA Double branch DN/OD 110/110/110 87 Degrees	4052836359001	2		72	Unit changed



SKOLANSafeED/EP – Double corner branch

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
334910	SKOLANSafeED Double corner branch DN/OD 90/90/90 87 Degrees	4052836349101	single unit		54	Unit changed
335910	SKOLANSafeED Double corner branch DN/OD 110/110/110 87 Degrees	4052836359100	single unit		72	Unit changed
335975	SKOLANSafeEP Double corner branch DN/OD 110/110/78/87 left	4025075373756	single unit		60	Unit changed
335985	SKOLANSafeEP Double corner branch DN/OD 110/110/78/87 right	4025075373855	single unit		60	Unit changed



SKOLANSafePA – Parallel branch

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
335920	SKOLANSafePA Parallel branch DN/OD 110/110 87 Degrees	4052836359209	single unit		80	Unit changed



SKOLANSafeSW – Siphon bend

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
335940	SKOLANSafeSW Siphon bend DN/OD 58/40	4052836359407	single unit	54	1296	Unit changed



SKOLANSafeR – Reducer

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
333710	SKOLANSafeR Reducer DN/OD 78/58	4052836337108	4	20	480	Unit changed
334720	SKOLANSafeR Reducer DN/OD 90/58	4052836347206	4		1000	Unit changed
334710	SKOLANSafeR Reducer DN/OD 90/78	4052836347107	4		640	Unit changed
335720	SKOLANSafeR Reducer DN/OD 110/58	4052836357205	4	16	384	Unit changed
335710	SKOLANSafeR Reducer DN/OD 110/78	4052836357106	2	18	432	Unit changed
335700	SKOLANSafeR Reducer DN/OD 110/90	4052836357007	2	14	224	Unit changed
336710	SKOLANSafeR Reducer DN/OD 135/110	4052836367105	4		240	Unit changed
337710	SKOLANSafeR Reducer DN/OD 160/110	4052836377104	2		212	Unit changed
337700	SKOLANSafeR Reducer DN/OD 160/135	4052836377005	2		120	Unit changed
338710	SKOLANSafeR Reducer DN/OD 200/160	4052836387103	2		60	Unit changed



SKOLANSafe – Reducer Skolan/HT

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
332750	SKOLANSafe Reducer Skolan/HT DN/OD 58/40	4052836327505	4		1100	Unit changed
333750	SKOLANSafe Reducer Skolan/HT DN/OD 78/50	4052836337504	4		1100	Unit changed



SKOLANSafeRE – Inspection pipe

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
332600	SKOLANSafeRE Inspection pipe DN/OD 58	4052836326003	4		576	Unit changed
333600	SKOLANSafeRE Inspection pipe DN/OD 78	4052836336002	4		320	Unit changed
334600	SKOLANSafeRE Inspection pipe DN/OD 90	4052836346001	single unit	9	216	Unit changed
335600	SKOLANSafeRE Inspection pipe DN/OD 110	4052836356000	4		96	Unit changed
336600	SKOLANSafeRE Inspection pipe DN/OD 135	4052836366009	2		40	Unit changed
337600	SKOLANSafeRE Inspection pipe DN/OD 160	4052836376008	single unit		40	Unit changed
338600	SKOLANSafeRE Inspection pipe DN/OD 200	4052836386007	single unit		20	Unit changed



SKOLANSafeLB – Long bend

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
335960	SKOLANSafeLB Long bend DN/OD 110 45 Degrees	4052836359605	2		112	Unit changed



Skolan Safe – Lip seal

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
880605	Lip seal DN 58 (Skolan Safe)	4052836806055	single unit		16512	New articles
880615	Lip seal DN 78 (Skolan Safe)	4052836014054	single unit		10764	
880047	Lip seal DN 90 (HT Safe/Skolan Safe)	4052836003768	single unit		8736	
880635	Lip seal DN 110 (Skolan Safe/ molded part)	4052836014191	single unit		5220	
880400	Lip seal DN 110 (KG2000/ pipe)	4052836804006	single unit		3364	
880645	Lip seal DN 135 (Skolan Safe)	4052836014238	single unit		2772	Unit changed
880420	Lip seal DN 160 (KG2000)	4052836804204	single unit		1092	Unit changed
880430	Lip seal DN 200 (KG2000)	4052836804303	single unit		600	Unit changed



Skolan Safe – NBR lip seal

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
880705	NBR lip seal – oil resistant – DN 58 (Skolan Safe)	4052836014252	single unit		14112	New articles
880715	NBR lip seal – oil resistant – DN 78 (Skolan Safe)	4052836014276	single unit		10764	
880247	NBR lip seal – oil resistant – DN 90 (HT Safe/Skolan Safe)	4052836004109	single unit		13000	
880735	NBR lip seal – oil resistant – DN 110 (Skolan Safe/ molded part)	4052836014290	single unit		5481	
880500	NBR lip seal – oil resistant – DN 110 (KG2000/ pipe)	4052836805003	single unit		3300	
880745	NBR lip seal – oil resistant – DN 135 (Skolan Safe)	4052836014313	single unit		2772	Unit changed
880520	NBR lip seal – oil resistant – DN 160 (KG2000)	4052836805201	single unit		960	Unit changed
880530	NBR lip seal – oil resistant – DN 200 (KG2000)	4052836805300	single unit		600	Unit changed



Skolan Safe – Lip Seal for siphon bend

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
881210	Lip seal for siphon bend DN 40/30 B	4052836812100	single unit	20	4800	Unit changed
881220	Lip seal for siphon bend DN 40/40 C	4052836812209	single unit	20	4800	Unit changed



Skolan Safe – Pullout-protection

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
881505	Pullout-protection DN (OD) 58	4052836815057	single unit	50	2400	Unit changed
881515	Pullout-protection DN (OD) 78	4052836815156	single unit	30	1440	Unit changed
881520	Pullout-protection DN (OD) 90	4052836815200	single unit	20	960	Unit changed
881535	Pullout-protection DN (OD) 110	4052836086808	single unit	20	960	Unit changed
881545	Pullout-protection DN (OD) 135	4052836815453	single unit	9	432	Unit changed
881580	Pullout-protection DN (OD) 160	4052836815804	single unit	9	216	Unit changed
881585	Pullout-protection DN (OD) 200	4052836815859	single unit	13	156	Unit changed



Skolan Safe – Safety clamps for plugs

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
839010	Safety clamps for plugs DN (OD) 58	4052836390103	single unit		2400	Unit changed
839020	Safety clamps for plugs DN (OD) 78	4052836390202	single unit		1000	Unit changed
839030	Safety clamps for plugs DN (OD) 90	4052836390301	single unit		88	Unit changed
will follow in 2018	Safety clamps for plugs DN (OD) 110	will follow in 2018				Unit changed
839050	Safety clamps for plugs DN (OD) 135	4052836390509	single unit		840	Unit changed
839060	Safety clamps for plugs DN (OD) 160	4052836390608	single unit		448	Unit changed
839070	Safety clamps for plugs DN (OD) 200	4052836390707	single unit		40	Unit changed



Skolan Safe – Lubricant

No.	Description	EAN	bundle size	Unit/ crt	Unit/ pallet	
881800	Lubricant 150ml	4052836818003	single unit	50	1750	Unit changed
881810	Lubricant 250ml	4052836818102	single unit	50	1800	Unit changed
881820	Lubricant 500ml	4052836818201	single unit	24	864	Unit changed
881830	Lubricant 1000ml	4052836818300	single unit	12	432	Unit changed

HT Safe®: safer, quieter, better.

Discharge Pipes and Fittings

Delivery Range 2017



HT
safe®

by Gebr. Ostendorf Kunststoffe

Gebr. Ostendorf Kunststoffe GmbH

Rudolf-Diesel-Straße 6–8 · 49377 Vechta · Germany

Phone +49 (0) 4441 874-10 · Fax +49 (0) 4441 874-15

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Flame retardant with a 25-year guarantee

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RAL 7043

21 dB (A)*
P-BA 222/2016

B1 Flame
retardancy

DIN EN
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Made in
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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.

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*Sound emission at 4 litre volume discharge according to measurements with Bimat 1000 (P-BA 222/2016).

21 dB

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

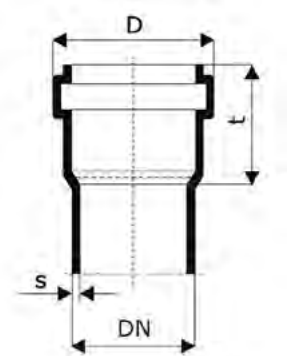
Measured value 21dB (A)

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

Fraunhofer Institute for Building Physics IBP

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 www.ibp.fraunhofer.de

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Stuttgart, July 14, 2015

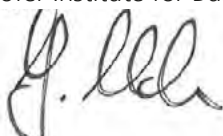
Determination of the Acoustic Performance of a Wastewater Installation System in the Laboratory according to EN 14366 and following DIN 4109; Extract from test report P-BA 222/2016

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:

Test specimen: 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]			
	0,5	1,0	2,0	4,0
Installation sound level $L_{Aeq,n}$ [dB(A)] following DIN 4109 in the basement test-room	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



by Gebr. Ostendorf Kunststoffe

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

HTsafeB – DN 40



30 Degrees

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

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 90



67 Degrees

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 110



87 Degrees

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	4052836008787	10	120



87 Degrees



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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



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HTsafe® Inner reducer

HTsafeRI



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
175770	HTsafeRI Inner reducer DN 110/50	17	4052836006011	20	960
175760	HTsafeRI Inner reducer DN 110/75	17	4052836006004	20	480

HTsafe® Long socket

HTsafeL



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
171800	HTsafeL Long socket DN 40	17	4052836004680	20	960
172800	HTsafeL Long socket DN 50	17	4052836004994	20	480
173800	HTsafeL Long socket DN 75	17	4052836005342	20	480
174800	HTsafeL Long socket DN 90	17	4052836005656	20	240
175800	HTsafeL Long socket DN 110	17	4052836006028	20	160

HTsafe® Connection piece to iron pipes

HTsafeS



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
171900	HTsafeS Connection piece to iron pipes DN 40/40	17	4052836004697	20	2880
172910	HTsafeS Connection piece to iron pipes DN 50/40	17	4052836005038	20	2880
172920	HTsafeS Connection piece to iron pipes DN 50/50	17	4052836005045	20	960

HTsafe® Siphon bend

HTsafeSW



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
171910	HTsafeSW Siphon bend DN 40/30	17	4052836004703	20	960
171920	HTsafeSW Siphon bend DN 40/40	17	4052836004710	20	960
172940	HTsafeSW Siphon bend DN 50/40	17	4052836005052	20	960
172950	HTsafeSW Siphon bend DN 50/50	17	4052836005069	20	960

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



HTsafe® Single socket

HTsafeAM



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®

Replacement Lip seal SBR



Part No.	Name	HWG	EAN	VPE/Cardboard Box	VPE/Pallet
880007	Replacement Lip seal SBR DN 32 (HT Safe)	17	4052836003928	-	69600
880017	Replacement Lip seal SBR DN 40 (HT Safe)	17	4052836003942	-	35640
880027	Replacement Lip seal SBR DN 50 (HT Safe)	17	4052836003966	-	27972
880037	Replacement Lip seal SBR DN 75 (HT Safe)	17	4052836003980	-	12750
880047	Replacement Lip seal SBR DN 90 (HT/Skolan Safe)	17	4052836003768	-	8736
880057	Replacement Lip seal SBR DN 110 (HT Safe)	17	4052836800558	-	5220
880077	Replacement Lip seal SBR DN 125 (HT Safe)	17	4052836004000	-	3312
880087	Replacement Lip seal SBR DN 160 (HT Safe)	17	4052836004024	-	1736

HTsafe®

NBR gasket (resistant 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

