SIPHONS ABLÄUFE

HL Siphons

2. Washbasin

2

HL Washbasin siphons

Basic information about design and installation

Siphons made of plastic, e.g. polypropylene, have different advantages compared to conventional metal siphons:

▲ Convenient in installation
The length adjustment of plastic parts is much faster and saver than of metal parts. Because of the material properties of plastic, gaskets and nuts may be opened and closed tightly time after time, only by screwing by hand.

▲ Easy to maintain
HL washbasin siphons are mostly equipped with cleaning possibilities. Cleaning trays may be removed and cleaned with little effort and without tools. Items like jewellery, which fell into the trap, cannot get into the drain pipe.

▲ Space saving and handicap-accessible
Most washbasins nowadays are furnished with bathroom cabinets. As the siphon is invisible, it has not to fit to the bathroom design. To get more usable space under the washbasin, the siphon should be situated near the wall (possible with HL137).Also these traps simplify the access to the washbasin for disabled people with wheelchairs (HL137 and HL134.0 OR HL4000 and HL4000.3).

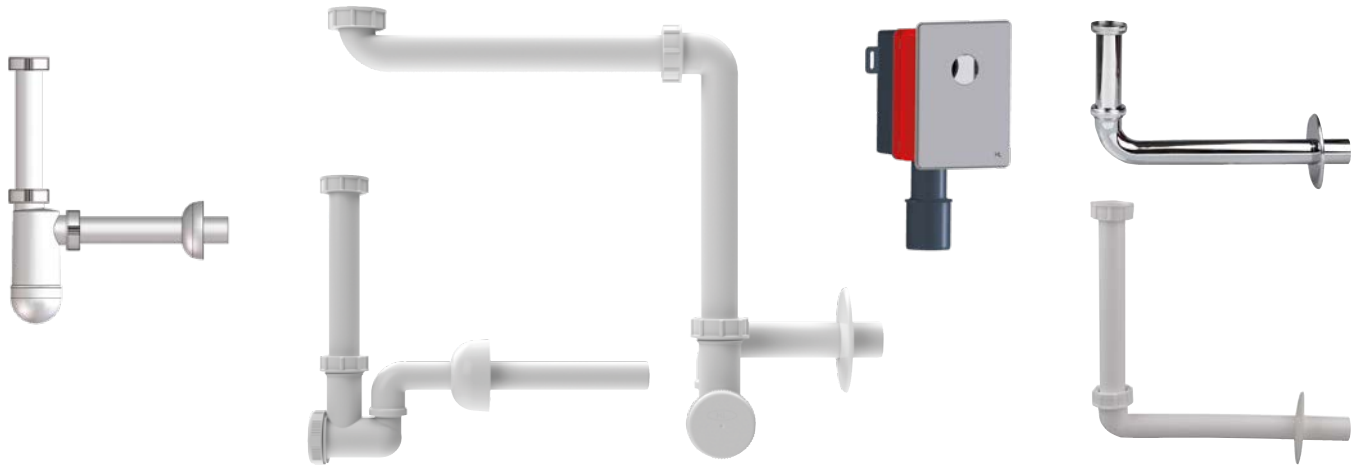
▲ Flexibility
As the connection between washbasin, siphon and the wall-side inlet is mostly not in line with the waste outlet, it is necessary with standard siphons, to use bows to reach the waste pipe. By using siphons with ball-joints, the plumber saves these additional fittings. Beside of that, you may also use the integrated hose nozzle, to connect it to washing devices, if a special trap (e.g. HL400) is missing. If special washing device siphons (like HL400 or HL4000) are missing, the connection may be also created by using a junction (HL19T).

Relevant standards/directives

EN 274.....Drains and siphons for sanitary equipement
DIN 19541 .....Siphons for special purposes

HL Washbasin siphons – Products – Overview

Siphons



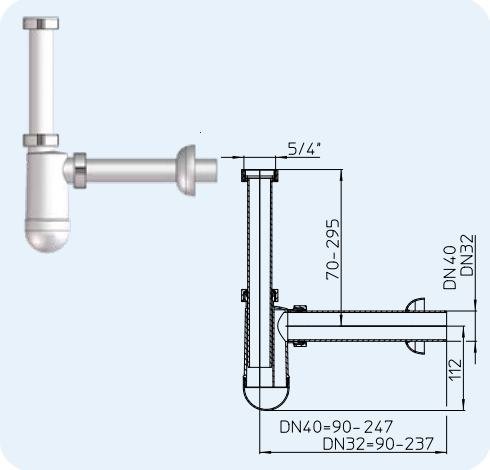
Product	HL132	HL135	HL137	HL4000.0 HL4000.3	HL134.1C HL134.1K
Description	Washbasin bottle trap	Washbasin and bidet siphon	Space saving siphon	Washer/wash basin construction set	Installation kit for HL134.0
Function	Siphoning and connection of washbasins	Siphoning and connection of bidets/washbasins	For the space saving and handicap-accessible siphoning of washbasins	Flush mounted odour trap (basin accessible for handicapped people)	Connection between the flush mounted siphon HL134.0 and the washbasin

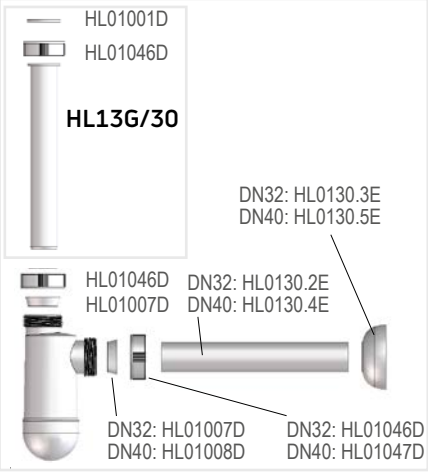
HL Washbasin siphons – Products – Data

HL132 Washbasin siphon

Data

Material	PP
Connection dimension	5/4” Cap nut
Outlet dimension	HL132/30: DN32 HL132/40: DN40 horizontal
Standard	EN 274
Recommended for	replacement of standard metal siphons, temperature-resistant up to 95 °C
Including	Adjustable immersion tube, rosette



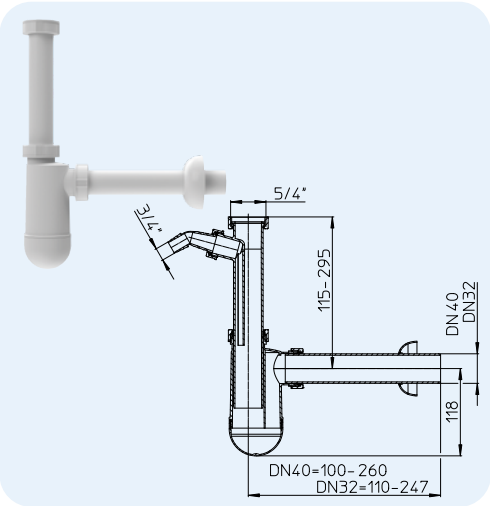


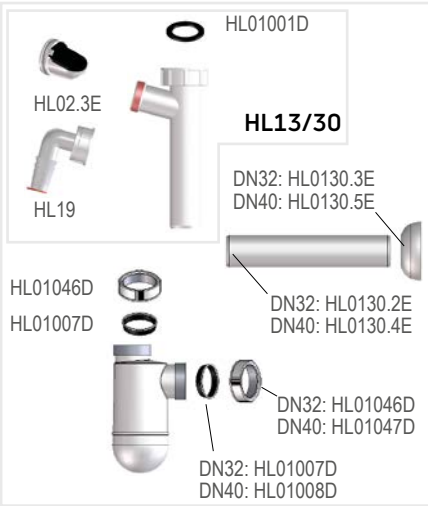
HL-No.	Dimension	Weight	EAN	Piece/package
132/30	DN32 x 5/4”	180 g	+301324	1
132/40	DN40 x 5/4”	185 g	+321322	1

HL132.1 Washbasin siphon with hose nozzle

Data

Material	PP
Connection dimension	5/4” Cap nut
Outlet dimension	HL132.1/30: DN32 HL132.1/40: DN40 horizontal
Standard	EN 274
Recommended for	temperature-resistant up to 95 °C
Including	Adjustable immersion tube, rosette, **backwater membrane hose nozzle**



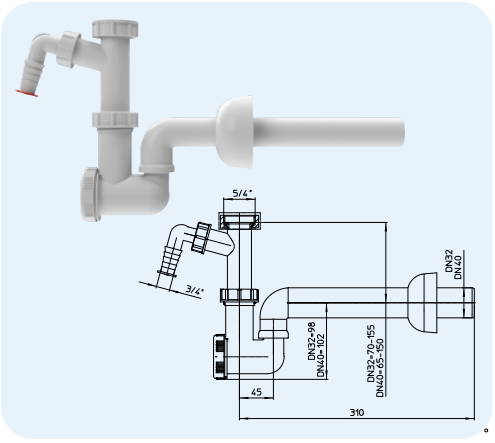


HL-No.	Dimension	Weight	EAN	Piece/package
132.1/30	DN32 x 5/4”	220 g	+899999	10
132.1/40	DN40 x 5/4”	225 g	+999996	10

HL133 Washbasin siphon with hose nozzle and cleaning tray

Data

Material	PP
Connection dimension	5/4” Cap nut
Outlet dimension	HL133/30: DN32 HL133/40: DN40 horizontal, rotatable
Standard	EN 274
Recommended for	temperature-resistant up to 95 °C
Including	Adjustable immersion tube, rosette, **backwater membrane hose nozzle, cleaning tray:** relieves the retrieving of lost jewellery

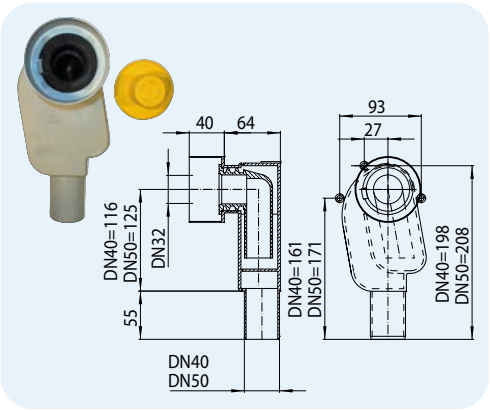


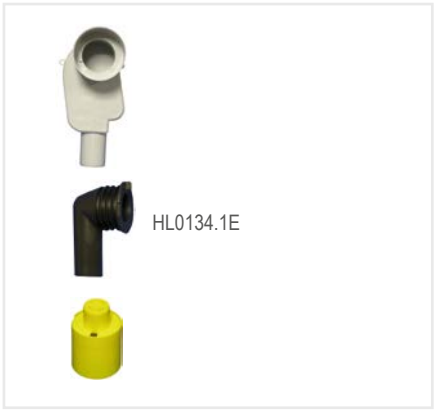
HL-No.	Dimension	Weight	EAN	Piece/package
133/30	DN32	220 g	+321339	10
133/40	DN40	225 g	+301331	10

HL134.0 Flush mounted washbasin siphon

Data

Capacity	HL134.0/40: 0,38 l/s HL134.0/50: 0,38 l/s
Material	PP
Connection dimens.	DN32
Outlet dimension	HL134.0/40: DN40 HL134.0/50: DN50 vertical
Standard	DIN 19541
Recommended for	Flush mounted siphon for washbasins, in combination with HL134.1C or 134.1K; for handicap-accessible washbasins
Including	Inlet element for easy cleaning of the siphon; relieves the access to the waste pipe



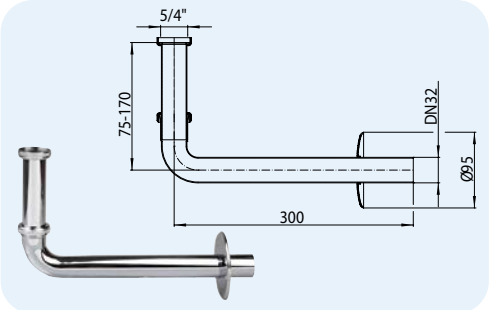


HL-No.	Dimension	Weight	EAN	Piece/package
134.0/40	DN40	380 g	+301348	10
134.0/50	DN50	385 g	+302345	10

HL134.1C Brass connector, chrome-plated

Data

Material	Brass, chrome-plated
Connection dimension	5/4" Cap nut
Outlet dimension	DN32 horizontal
Standard	EN 274
Recommended for	Connection between flush mounted siphon HL134.0 and the washbasin
Including	Adjustable immersion tube

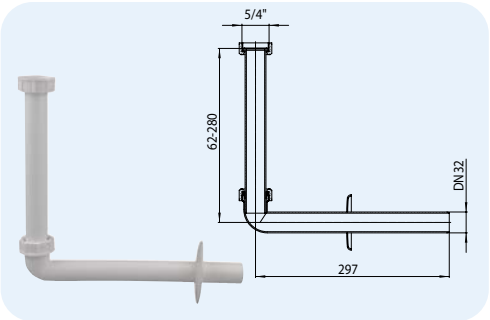


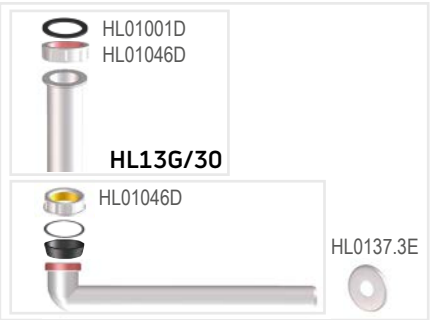
HL-No.	Dimension	Weight	EAN	Piece/package
134.1C	DN32 x 5/4"	290 g	+311347	10

HL134.1K Plastic connector

Data

Material	PP
Connection dimens.	5/4" Cap nut
Outlet dimension	DN32 horizontal
Standard	EN 274
Recommended for	Connection between flush mounted siphon HL134.0 and the washbasin; temperature-resistant up to 95 °C
Including	Adjustable immersion tube



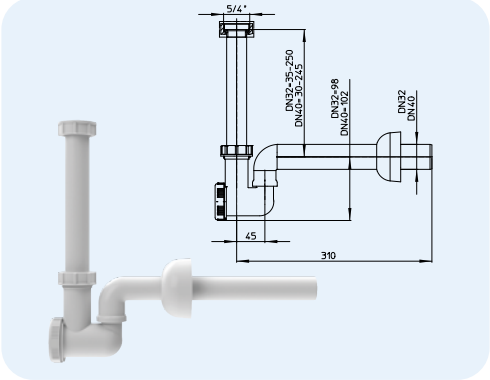


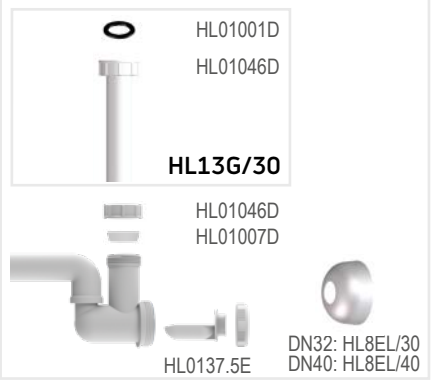
HL-No.	Dimension	Weight	EAN	Piece/package
134.1K	DN32 x 5/4"	140 g	+313341	10

HL135 Washbasin and bidet siphon

Data

Material	PP
Connection dimension	5/4" Cap nut
Outlet dimension	HL135/30: DN32 HL135/40: DN40 horizontal, rotatable
Standard	EN 274
Recommended for	Washbasins and bidets, temperature-resistant up to 95 °C
Including	Adjustable immersion tube, cleaning tray: relieves the retrieving of lost jewellery



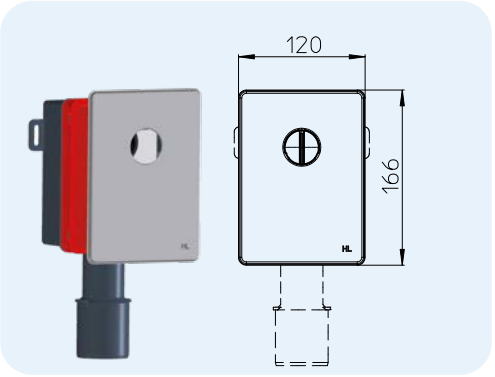


HL-No.	Dimension	Weight	EAN	Piece/package
135/30	DN32	215 g	+331352	10
135/40	DN40	220 g	+321353	10

HL4000.0 Corpus for washing device siphon / wash basin siphon
HL4000.3 Wash basin upgrate kit

Data

Capacity	0,6 l/s
Material	PP/Stainless steel
Connection	DN32
Outlet	DN40/50
Siphon height	50 mm
Standard	DIN 19541
Recommended for	siphoning of space saving wash basins or handicap-accessible basins, e.g. for hospitals or retirement homes
Additional information	As connector between siphon and basin we recommend HL134.1K or HL134.1C

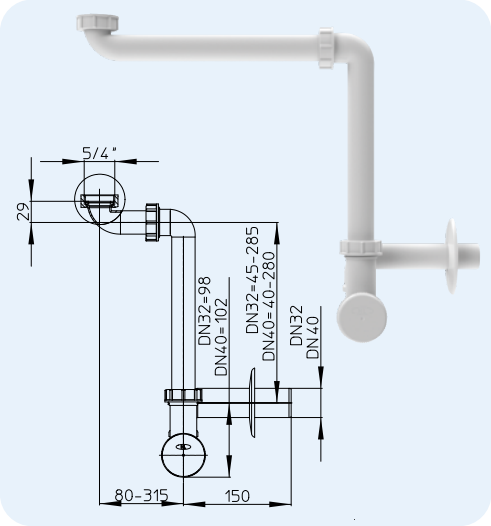


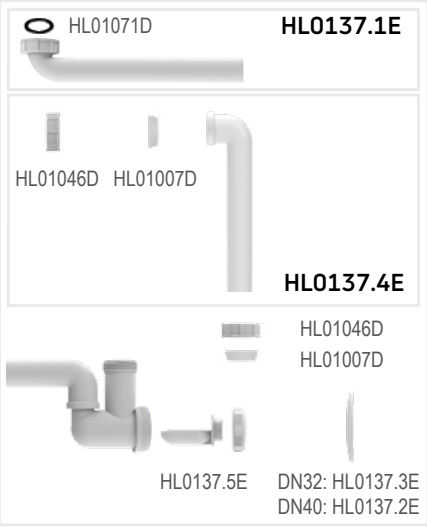
HL-No.	Dimension	Weight	EAN	Piece/package
4000.0	DN40/50	244 g	+041619	1
4000.3	DN40/50	220 g	+041657	1

HL137N Space saving siphon, Outlet horizontal

Data

Material	PP
Connection dimension	5/4" Cap nut
Outlet dimension	137N/30: DN32 137N/40: DN40 horizontal
Standard	EN 274
Recommended for	**Space saving installation in bathroom furniture;** or for **handicap-accessible** washbasins; temperature-resistant up to 95 °C
Including	cleaning tray: relieves the retrieving of lost jewellery; Adjustable immersion tube



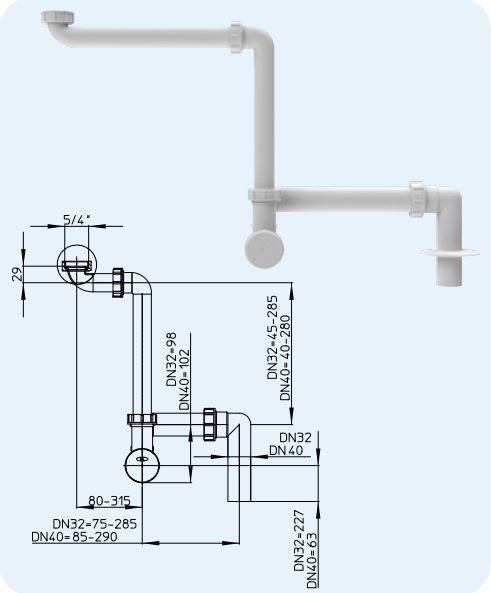


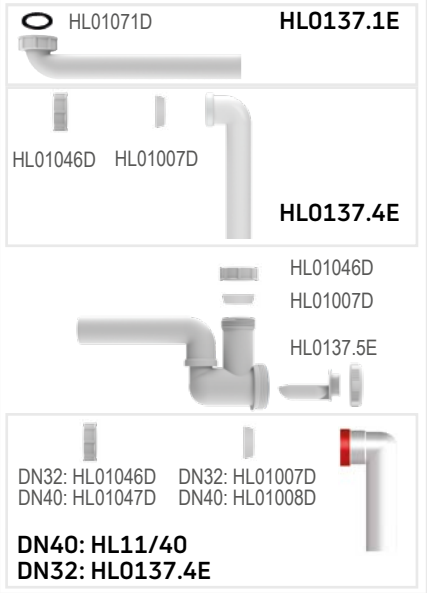
HL-No.	Dimension	Weight	EAN	Piece/package
137N/30	DN32 x 5/4"	300 g	+003976	10
137N/40	DN40 x 5/4"	305 g	+003990	10

HL137N.1 Space saving siphon, outlet vertical

Data

Material	PP
Connection dimension	5/4" Cap nut
Outlet dimension	137N.1/30: DN32 137N.1/40: DN40 vertical
Standard	EN 274
Recommended for	**Space saving installation in bathroom furniture;** or for **handicap-accessible** washbasins; temperature-resistant up to 95 °C
Including	cleaning tray: relieves the retrieving of lost jewellery; Adjustable immersion tube



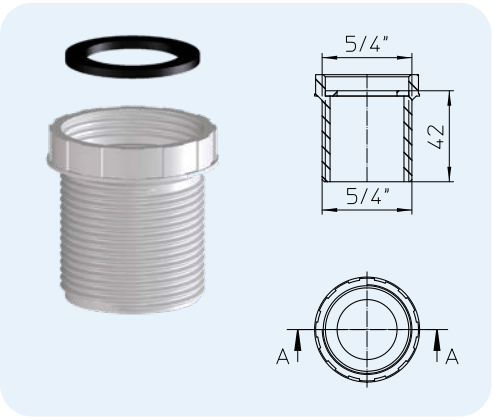


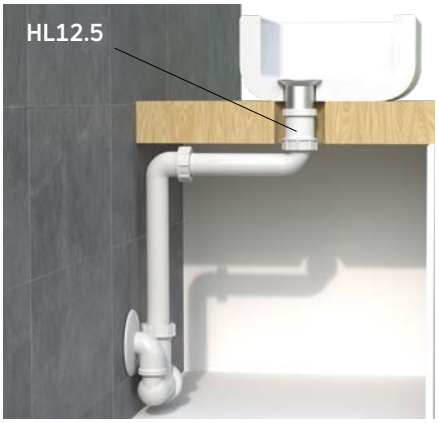
HL-No.	Dimension	Weight	EAN	Piece/package
137N.1/30	DN32 x 5/4"	360 g	+006298	10
137N.1/40	DN40 x 5/4"	355 g	+006335	10

HL12.5 Thread extension 5/4“

Data

Material	PP
Connection dimension	5/4” inside thread
Outlet dimension	5/4” outside thread
Standard	EN 274
Recommended for	countertop washbasins



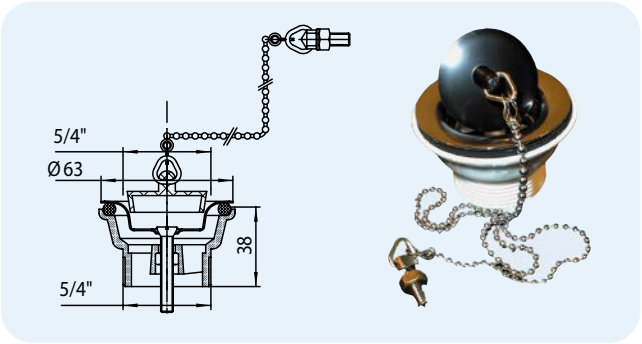


HL-No.	Dimension	Weight	EAN	Piece/package
12.5	5/4“ IG x 5/4“ AG	16 g	+051540	1

HL15.1 Waste outlet

Data

Material	PP
Connection dimension	5/4” Waste outlet
Outlet dimension	5/4” Thread
Standard	EN 274
Recommended for	Washbasin with integrated overflow
Including	Chain, screw and plug

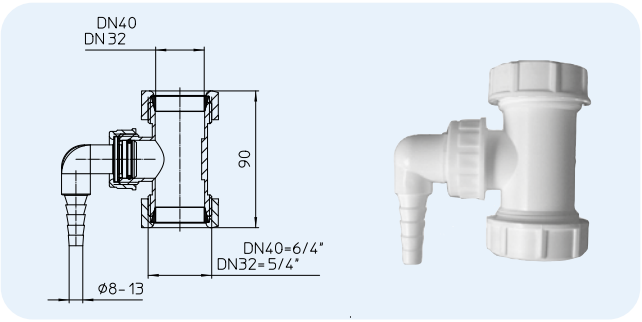


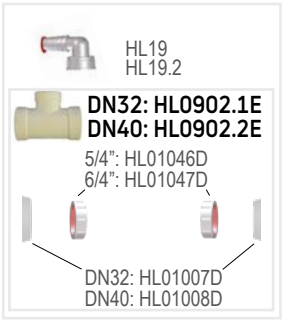
HL-No.	Dimension	Weight	EAN	Piece/package
15.1	5/4” x 5/4”	85 g	+101511	10

HL19T T-connector

Data

Material	PP
Connection dimension	19T: 3/4” Hose nozzle 19T.2: Ø 8 – 13 mm Hose nozzle
Outlet dimension	HL19T(.2)/30: DN32 HL19T(.2)/40: DN40
Standard	EN 274
Recommended for	Subsequent connection to washing devices; exclusively for vertical immersion tubes



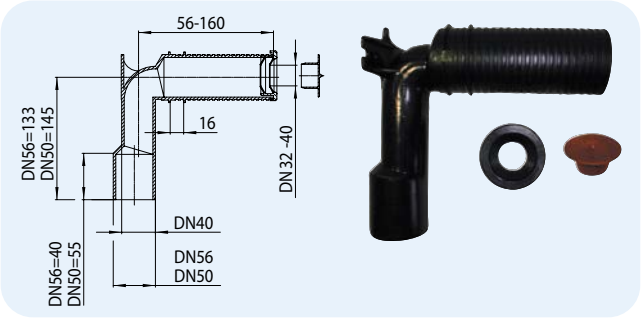


HL-No.	Dimension	Weight	EAN	Piece/package
19T/30	DN32 x 5/4” - 1” x 3/4”	63 g	+004294	1
19T/40	DN40 x 6/4” - 1” x 3/4”	65 g	+004331	1
19T.2/30	DN32 x 5/4” - 1” x 8–13 mm	63 g	+004355	1
19T.2/40	DN40 x 6/4” - 1” x 8–13 mm	65 g	+004348	1

HL34 Angled trap connector

Data

Material	PE
Connection dimension	DN32/40
Outlet dimension	DN40/50
Standard	EN 274
Recommended for	Kitchen and washbasin rear panel installation
Additional information	Inlet side adjustable in length by cutting, connection between siphon and wall outlet



HL-No.	Dimension	Weight	EAN	Piece/package
34	DN40/50	160 g	+940349	10