

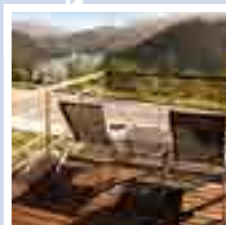
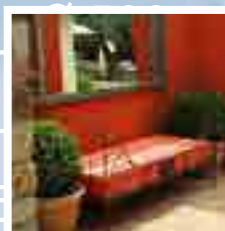
SIFONE

HL

ABLÄUFE



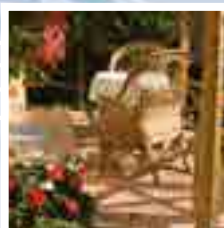
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HL® Products

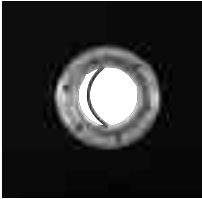
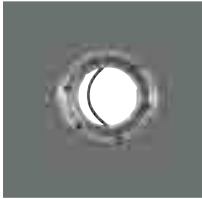
Ø 145

Sealing kits
Extensions



HL® Sealing kits – Products – Overview

More details to the chapter „Sealing kits“ please see chapters floor drains, barrier free showers, balcony/terraces and waterproofing

For drain types	Kind of water proofing			
	For 2-component water proofings like epoxy resins or flexible sealing compounds	For EPDM sheetings, bitumen coatings; weldable with bitumen sheetings	For welding of bitumen sheetings	
HL83.M = HL70, HL80, HL90, HL92, HL300, HL304, HL310N, HL510N				
Extension: HL85N				
	HL83.M	HL83	HL83.H *	
HL3100 and HL5100				
Extension: HL8500				
	HL8300.M	HL8300	HL8300.H *	
HL72.1 and HL317				
Extension: HL350.1				
	HL84.M	HL84	**	
HL615 and HL616				
Extension: HL618				
	HL86.M	HL86	HL86.H	
Roof drain types HL62, HL63, HL64 und HL69				
Extension: HL65				
	—	—	HL84.H	

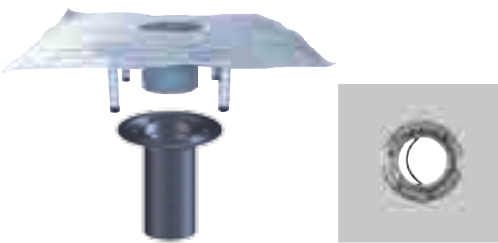
* also available as drain with prefabricated bitumen flange at drain series HL80, HL615, HL616, roof drain series HL62, HL64, HL63, HL69 and extensions HL85, HL618, HL65.

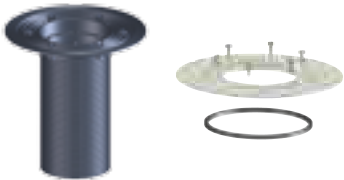
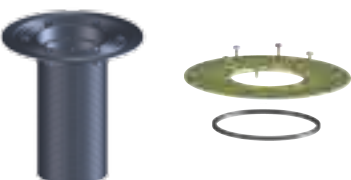
** available as drain with prefabricated insulation flange!

*** Sealing kit connectable (without sheeting) with on-site sheetings

PVC-sheetings	FPO-sheetings	For clamping of elastic on-site sheetings	Roofs with copper sheeting	Zinc-plated steel roofs
				
HL83.P	HL83.PP	HL83.O	–	–
				
HL8300.P	HL8300.PP	HL8300.O	–	–
				
***	***	HL84.O	–	–
				
***	***	HL86.O	–	–
				
**	**	**	HL84.CU	HL84.E

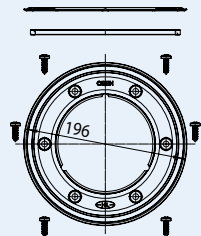
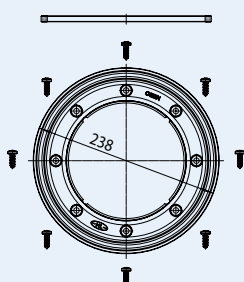
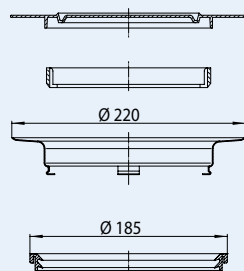
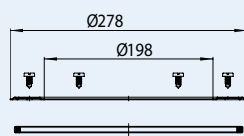
HL® Extensions – Products – Overview

For drain types	For the height adjustment; Connection to 2-component water proofings	For the height adjustment of the flange	For the height adjustment; Connection to bitumen sheetings	
HL70, HL80, HL90, HL300, HL304, HL310N, HL510N				
	HL85NC or HL85N + HL83.M	HL85N	HL85NH	
HL3100 and HL5100				
	HL8500 + HL8300.M	HL8500	HL8500H	
HL72.1 and HL317				
	HL360 or HL370 or HL350.0	HL350.0	HL350.1H	
HL615 and HL616				
	HL618 + HL86.M	HL618	HL618H	
Roof drain types HL62 and HL64				
	–	HL65	HL65H	
Balcony and terrace drain HL92				
	–	–	–	

For the height adjustment; Connection to PVC sheetings	For the height adjustment; Connection to FPO sheetings	For the elongation of the extension
		
HL85N + HL83.P	HL85N + HL83.PP	HL340N
		
HL8500 + HL8300.P	HL8500 + HL8300.PP	HL3400
		
HL350.0	HL350.0	HL350
		
HL618 + HL86.0	HL618 + HL86.0	HL620
		
HL65P	HL65F (HL65PE)	HL350
		
–	–	HL320

HL® Sealing kits – Products – Data

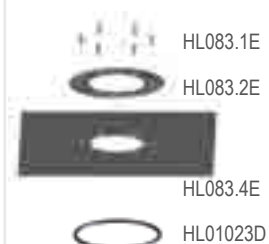
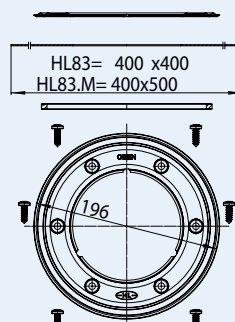
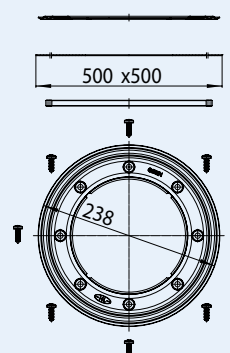
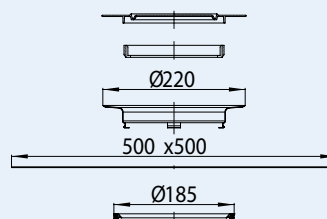
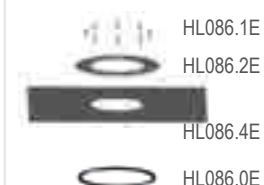
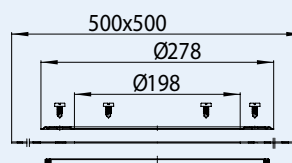
HL83.0, HL8300.0, HL84.0, HL86.0 Sealing kit without water proofing

Data			
Material	Stainless steel	HL83.0  	 HL083.1E HL083.2E HL01023D
Dimension	HL83.0: Ø 196 x 114 mm HL8300.0: Ø 238 x 148 mm HL84.0: Ø 220 x 155 mm HL86.0: Ø 278 x 198 mm		
Recommended for	Connection of on-site sheetings to the flange		
Fits to	HL83.0: HL70, HL80, HL90(Pr), HL92, HL300, HL304, HL310N(Pr), HL510N(Pr) and extension HL85N HL8300.0: HL3100(Pr) and HL5100(Pr) and extension HL8500 HL84.0: HL72.1 and HL317 HL86.0: HL615 and HL616 and extension HL618		
		HL8300.0  	 HL086.1E HL08300.2E HL01092D
		HL84.0  	 HL062B.3E HL084.2E HL084.4E
		HL86.0  	 HL086.1E HL086.2E HL086.0E
HL-No.	Weight	EAN	Piece/package
83.0	245 g	+718306	1
8300.0	303 g	+025497	1
84.0	395 g	+718405	1
86.0	340 g	+711864	1

HL83.M, HL8300.M, HL84.M, HL86.M Sealing kit with textile coated membrane

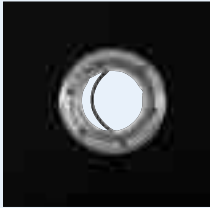
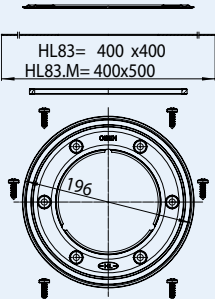
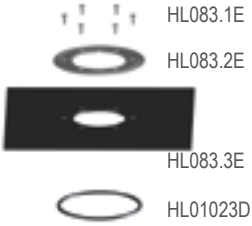
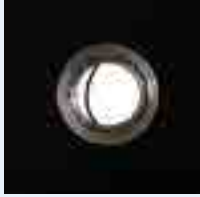
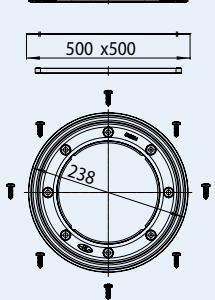
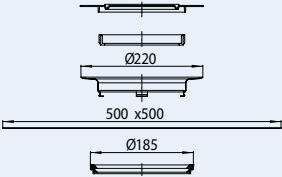
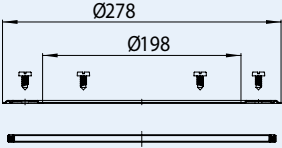
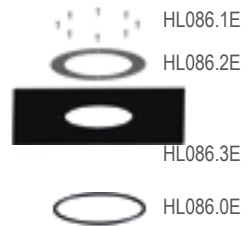
Data

Material	Stainless steel / Textile coated membrane
Dimension	HL83.M: Flange Ø 196 x 114 mm Textile coated membrane 400 x 500 mm HL8300.M: Flange Ø 238 x 148 mm Textile coated membrane 500 x 500 mm HL84.M: Flange Ø 220 x 155 mm Textile coated membrane 500 x 500 mm HL86.M: Flange Ø 278 x 198 mm Textile coated membrane 500 x 500 mm
Recommended for	2-component water proofings like epoxy resins or flexible sealing compounds
Fits to	HL83.M: HL70, HL80, HL90(Pr), HL92, HL300, HL304, HL310N(Pr), HL510N(Pr) and Extension HL85N HL8300.M: HL3100(Pr) und HL5100(Pr) and Extension HL8500 HL84.M: HL72.1 und HL317 HL86.M: HL615 und HL616 and Extension HL618

HL83.M**HL8300.M****HL84.M****HL86.M**

HL-No.	Weight	EAN	Piece/package
83.M	425 g	+030835	1
83.3020	425 g	+034307	1
8300.M	425 g	+025473	1
84.M	730 g	+030842	1
86.M	590 g	+713868	1

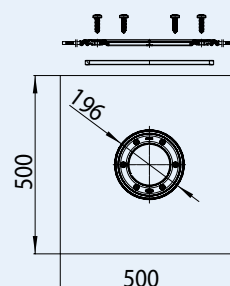
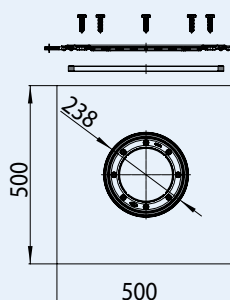
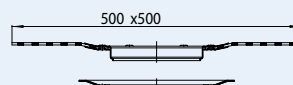
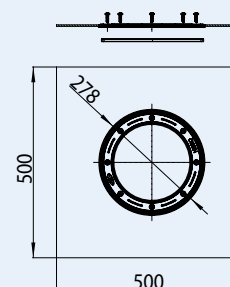
HL83, HL8300, HL84, HL86 Sealing kit with EPDM-sheet

Data		HL83		
Material	Stainless steel / EPDM			
Dimension	HL83: Flange Ø 196 x 114 mm EPDM-sheet 400 x 400 mm HL8300: Flange Ø 238 x 148 mm EPDM-sheet 500 x 500 mm HL84: Flange Ø 220 x 155 mm EPDM-sheet 500 x 500 mm HL86: Flange Ø 278 x 198 mm EPDM-sheet 500 x 500 mm			
Recommended for	EPDM sheetings, bitumen coatings; weldable with bitumen sheetings			
Fits to	HL83: HL70, HL80, HL90(Pr), HL92, HL300, HL304, HL310N(Pr), HL510N(Pr) and Extension HL85N HL8300: HL3100(Pr) and HL5100(Pr) and Extension HL8500 HL84: HL72.1 and HL317 HL86: HL615 and HL616 and Extension HL618			
				
				
HL-No.	Weight	EAN	Piece/package	
83	425 g	+710836	1	
8300	601 g	+025466	1	
84	730 g	+710843	1	
86	590 g	+710867	1	

HL83.H, HL8300.H, HL84.H, HL86.H Sealing kit with bitumen sheet

Data

Material	Stainless steel / bitumen
Dimension	HL83.H: Flange Ø 196 x 114 mm Bitumen collar 500 x 500 mm HL8300.H: Flange Ø 238 x 148 mm Bitumen collar 500 x 500 mm HL84.H: Flange Ø 220 x 155 mm Bitumen collar 500 x 500 mm HL86.H: Flange Ø 278 x 198 mm Bitumen collar 500 x 500 mm
Recommended for	Welding of bitumen water proofings
Fits to	HL83.H: HL70, HL80, HL90(Pr), HL92, HL300, HL304, HL310N(Pr), HL510N(Pr) and Extension HL85N HL8300.H: HL3100(Pr) und HL5100(Pr) and Extension HL8500 HL84.H: Roof drain types: HL62, HL64, HL63, Extension: HL65 HL86.H: HL615 und HL616 and Extension HL618

HL83.H

HL8300.H

HL84.H

HL86.H


HL-No.	Weight	EAN	Piece/package
83.H	1560 g	+008315	1
8300.H	1560 g	+025480	1
84.H	1707 g	+011841	1
86.H	1590 g	+008612	1

HL83.P, HL83.PP Sealing kit with PVC or PP flange

Data			
Material	HL83.P: PVC HL83.PP: PP		HL83.P
Dimension	HL83.P: Flange Ø 290 mm HL83.PP: Flange Ø 290 mm		HL83.PP
Recommended for	HL83.P: PVC sheetings HL83.PP: FPO sheetings, based on PP		
Fits to	HL70, HL80, HL90(Pr), HL92, HL300, HL304, HL310N(Pr), HL510N(Pr) and Extension HL85N		
HL-No. 83.P 83.PP		Weight 425 g 653 g	EAN +010837 +028641
			Piece/package 1 1

HL8300.P, HL8300.PP Sealing kit with PVC- respectively PP flange

Data			
Material	HL8300.P: PVC HL8300.PP: PP		HL8300.P
Dimension	HL8300.P: Flange Ø 350 mm HL8300.PP: Flange Ø 350 mm		HL8300.PP
Recommended for	HL8300.P: PVC waterproofings HL8300.PP: FPO waterproofings, based on PP		
Fits to	Drain series HL3100 and HL5100, extension HL8500		
HL-No. 8300.P 8300.PP		Weight	EAN +034741 +034758
			Piece/package 1 1

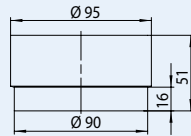
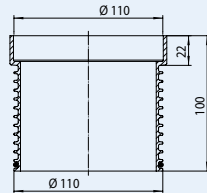
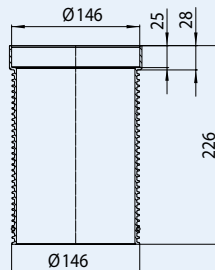
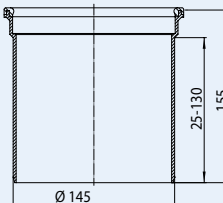
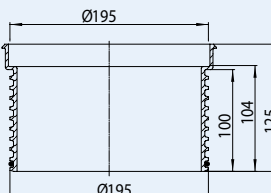
HL84.CU, HL84.E Sealing kit with copper collar or zinc-plated collar

Data			
Material	HL84.CU: Copper HL84.E: Zinc-plated steel		HL84.CU
Dimension	HL84.CU: 500 x 500 mm HL84.E: 500 x 500 mm		HL84.E
Recommended for	HL84.CU: Copper roof sheetings HL84.E: Zinc-plated roof sheetings		
Fits to	Roof drain series HL62, HL63, HL64, HL65 and HL69		
HL-No. 84.CU 84.E		Weight 1835 g 1830 g	EAN +444847 +111848
			Piece/package 1 1

HL® Extensions – Products – Data

HL320, HL340N, HL3400, HL350, HL620 Extension

Data	
Material	PP
Dimension	HL320: Ø 89 mm, h: 35 mm HL340N: Ø 110 mm, h: 100 mm HL3400: Ø 146 mm, h: 200 mm HL350: Ø 145 mm, h: 155 mm HL620: Ø 195 mm, h: 125 mm
Recommended for	Height adjustment of the drain
Fits to	HL320: HL92 HL340N: HL70, HL80, HL90(Pr), HL300, HL304, HL310N(Pr), HL510N(Pr) and Extension HL85N HL3400: Series HL3100 and HL5100 HL350: HL72.1, HL317, HL62, HL63, HL64, HL65, HL69 HL620: HL615 und HL616

		
		 HL01067D
		 HL01093D
		
		 HL01056D

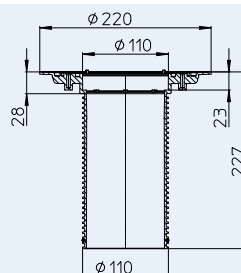
HL-No.	Weight	EAN	Piece/package
340N	75 g	+003402	1
3400	117 g	+025565	1
350	240 g	+703500	1
620	270 g	+014255	1

HL85N, HL8500, HL350.1, HL350.0, HL618, HL65 Extension with flange

Data

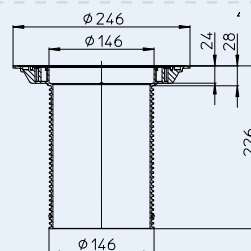
Material	PP
Dimension	HL85N: Ø 110 x 220 mm, h: 227 mm HL8500: Ø 146 x 239 mm, h: 226 mm HL350.1 (HL350.0): Ø 145 x 300 mm, h: 220 mm HL618: Ø 195 x 315 mm, h: 155 mm HL65: Ø 125 x 354 mm, h: 345 mm
Recommended for	Height adjustment of the drain to the water proofing level
Fits to	HL85N: HL70, HL80, HL90(Pr), HL300, HL304, HL310N(Pr), HL510N(Pr) HL8500: HL3100(Pr) and HL5100(Pr) HL350.1 (HL350.0): HL72.1, HL317, HL62, HL63, HL64, HL65 and HL69 HL618: HL615, HL616 HL65: HL62, HL64

HL85N



HL01067D

HL8500

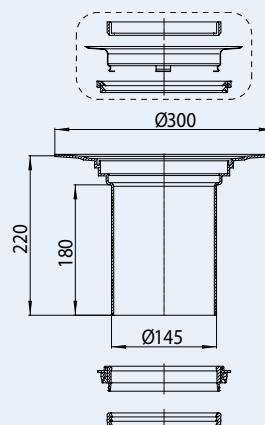


HL03100.0E



HL01093D

HL350.1 (HL350.0)



HL062B.3E



HL084.2E



HL084.3E

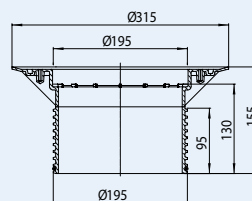


HL084.4E



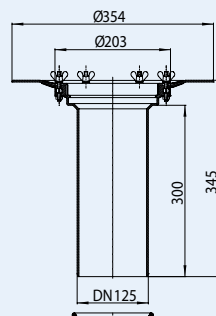
HL01059D HL01058D

HL618



HL01056D

HL65



HL062.4E



HL170



HL062.3E

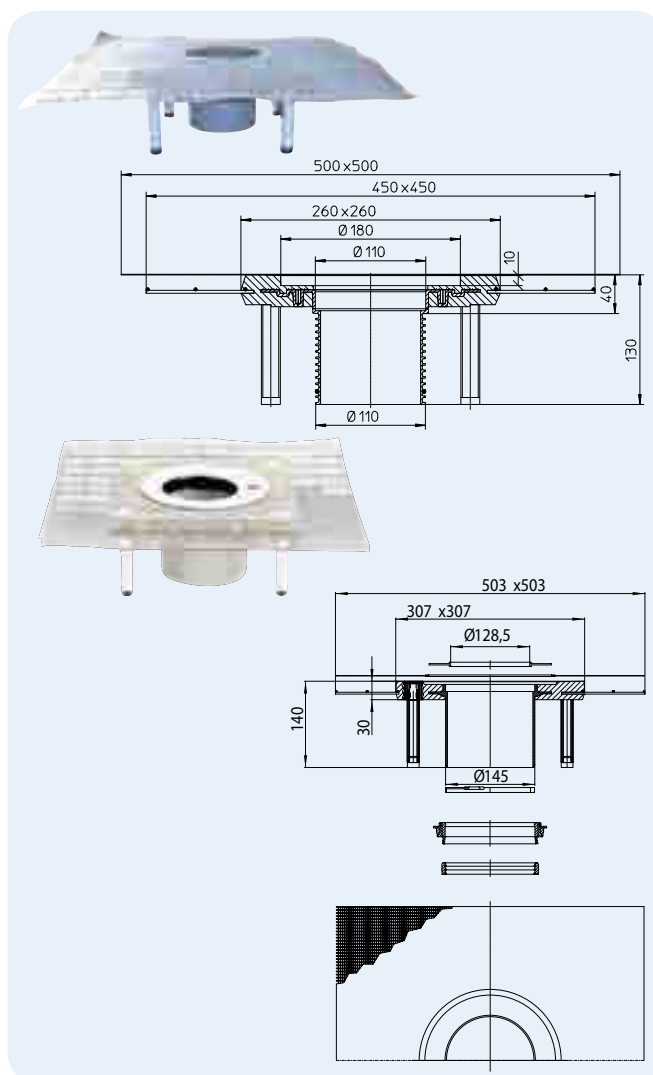


HL01020D

HL-No.	Weight	EAN	Piece/package
85N	395 g	+006120	1
8500	320 g	+025572	1
350.0	680 g	+032358	1
350.1	1440 g	+703517	1
618	500 g	+013159	1
65	1440 g	+800650	1

HL85NC, HL360 „CeraDrain“ extension with polymer concrete collar
Data

Material	PP / polymer concrete
Dimension	HL85NC: Ø 110 mm, h: 118 mm, Flange: 260 x 260 mm, Steel mesh: 450 x 450 mm HL360: Ø 145 mm, h: 140 mm, Flange: 307 x 307 mm, Steel mesh: 503 x 503 mm
Recommended for	Especially for 2-component liquid waterproofings; with polymer concrete collar and steel mesh, adjustment screws and glassfibre mat for crack bridging
Fits to	drain types HL85NC: HL70, HL80, HL90(Pr), HL300, HL304, HL310N(Pr), HL510N(Pr) HL360: HL72.1, HL317


 HL-No.
 85NC
 360

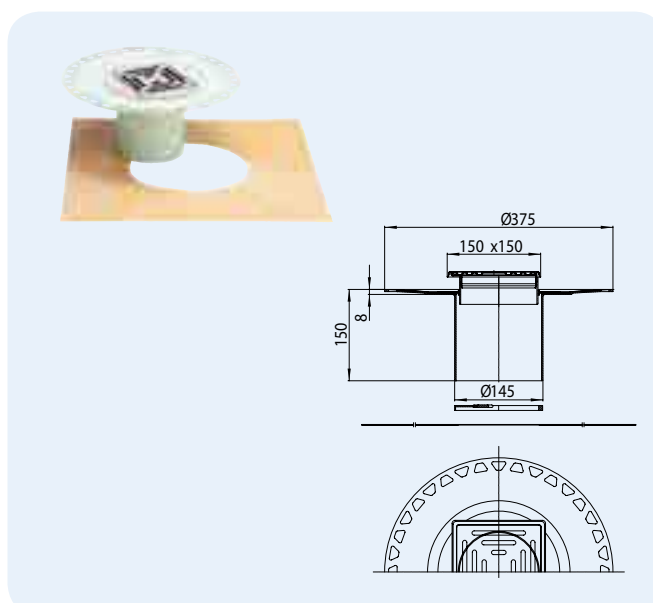
 Weight
 3886 g
 8000 g

 EAN
 +006823
 +703609

 Piece/package
 1
 1

HL370 Extension „FlexDrain“
Data

Material	ABS
Dimension	Ø 145 x 375 mm, h: 150 mm
Recommended for	Especially for 2-component liquid waterproofings; with fleece-coated plastic flange and fleece sheet for crack bridging, including frame and grate
Fits to	HL72.1 and HL317


 HL-No.
 370

 Weight
 930 g

 EAN
 +010714

 Piece/package
 1


HL85NH, HL8500H, HL350.1H, HL618H, HL65H Extension with bitumen welded flange

Data																							
Material	PP / stainless steel / bitumen																						
Dimension	HL85NH: Ø 110 mm, h: 227 mm, Bitumen collar: Ø 420 mm HL8500H: Ø 146, h: 226 mm, Bitumen collar: 500 x 500 mm HL350.1H: Ø 145, h: 225 mm, Bitumen collar: Ø 500 mm HL618H: Ø 195 mm, h: 160 mm, Bitumen collar: 500 x 500 mm HL65H: Ø 125 mm, h: 345 mm, Bitumen collar: Ø 500 mm																						
Recommended for	Bitumen waterproofings																						
Fits to	HL85NH: HL70, HL80, HL90(Pr), HL300, HL304, HL310N(Pr), HL510N(Pr) HL350.1H: HL72.1, HL317, HL62, HL63, HL64, HL65, HL69 HL618H: HL615 and HL616 HL65H: HL62, HL64																						
		<table> <thead> <tr> <th>HL-No.</th><th>Weight</th><th>EAN</th><th>Piece/package</th></tr> </thead> <tbody> <tr> <td>85NH</td><td>980 g</td><td>+009015</td><td>1</td></tr> <tr> <td>350.1H</td><td>1550 g</td><td>+001842</td><td>1</td></tr> <tr> <td>618H</td><td>1750 g</td><td>+013173</td><td>1</td></tr> <tr> <td>65H</td><td>2140 g</td><td>+801657</td><td>1</td></tr> </tbody> </table>	HL-No.	Weight	EAN	Piece/package	85NH	980 g	+009015	1	350.1H	1550 g	+001842	1	618H	1750 g	+013173	1	65H	2140 g	+801657	1	
HL-No.	Weight	EAN	Piece/package																				
85NH	980 g	+009015	1																				
350.1H	1550 g	+001842	1																				
618H	1750 g	+013173	1																				
65H	2140 g	+801657	1																				

HL65P, HL65F, HL65PE Extension with PVC flange or PP flange

Data																			
Material	HL65P: PVC HL65F: PP HL65PE: PE																		
Dimension	Ø 125 mm, h: 345 mm, Flange: Ø 355 mm																		
Recommended for	HL65P: PVC roof sheetings HL65F: FPO roof sheetings, based on PP HL65PE: FPO roof sheetings, based on PE																		
Fits to	roof drains HL62 and HL64																		
		<table> <thead> <tr> <th>HL-No.</th><th>Weight</th><th>EAN</th><th>Piece/package</th></tr> </thead> <tbody> <tr> <td>65P</td><td>1370 g</td><td>+022588</td><td>1</td></tr> <tr> <td>65F</td><td>830 g</td><td>+031900</td><td>1</td></tr> <tr> <td>65PE</td><td>850 g</td><td>+035915</td><td>1</td></tr> </tbody> </table>	HL-No.	Weight	EAN	Piece/package	65P	1370 g	+022588	1	65F	830 g	+031900	1	65PE	850 g	+035915	1	
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