

## PE DRAINAGE

### ■ GEBERIT HDPE Piping System

The Geberit Polyethylene (PE) drainage system is ideally suited for use in a wide range of applications including: above and below ground drainage, normal and industrial waste and stormwater, as well as rainwater discharge inside domestic and industrial buildings.



#### Standards and Quality Marks

Geberit PE Drainage is produced in conformity with the unified standard EN 1519 and has Watermark License W210 under MP52 Spec 005: - Sanitary plumbing pipes and pipe fittings.

#### Benefits

- Quick and simple to install, via either butt welding or electrofusion welding
- Safe, secure and flexible
- Fewer blockages as PE's non-wettable surface resists build up and aids faster flow to reduce the likelihood of blockages
- High impact resistance, even at low temperatures
- Low noise transmission
- Wide temperature range
- Excellent abrasion resistance
- Good chemical resistance, please contact Asmuss Plastic Systems for suitability



#### Applications

A Geberit PE Drainage system is ideally suited to applications where high integrity is required:

- DWV services and ducts in and under buildings
- Industrial waste drainage
- Hot and cold waste lines
- Sewer or drain rehabilitation
- Where ground or structural movement could occur (e.g. earthquakes)
- Siphonic roof drainage systems
- "Greasy" tradewaste

For information relating to Siphonic drainage systems and Sovent ventilated stack systems please refer to Asmuss Plastic Systems.

### PE DRAINAGE PIPE

	CODE:	Size (OD) mm	Wall Thickness (mm)	Internal Diameter (mm)	Price (Per Length)
<b>PE Drainage Pipe 5 Metre Lengths</b> 	PPED/040	40	3	34	
	PPED/050	50	3	44	
	PPED/056	56	3	50	
	PPED/063	63	3	57	
	PPED/075	75	3	69	
	PPED/090	90	3.5	83	
	PPED/110	110	4.3	101.4	
	PPED/125	125	4.9	115.2	
	PPED/160	160	6.2	147.6	
	*PPED/200	200	7.7	184.6	
	*PPED/250	250	9.7	230.6	
	*PPED/315	315	12.2	290.6	
*SDR26 rated					
<b>PE Drainage Pipe 5 Metre Lengths</b> 	PPED33/200	200	6.2	187.6	
	PPED33/250	250	7.8	234.4	
	PPED33/315	315	9.8	295.4	
SDR33 rated					

PRICES INDICATED DO NOT INCLUDE GST



#### Asmuss Plastic Systems Limited

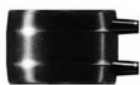








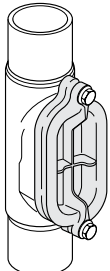
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 34 Arrenway Drive, North Shore City 0632  
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### PE DRAINAGE FITTINGS

	CODE:	SIZE (OD) mm	PRICE		CODE:	SIZE (OD) mm	PRICE
<b>Electrofusion Coupler</b> 	FPEDEC/040	40		<b>Equal Tee</b> 	FPEDT/040	40	
	FPEDEC/050	50			FPEDT/050	50	
	FPEDEC/056	56			FPEDT/056	56	
	FPEDEC/063	63			FPEDT/063	63	
	FPEDEC/075	75			FPEDT/075	75	
	FPEDEC/090	90			FPEDT/090	90	
	FPEDEC/110	110			FPEDT/110	110	
	FPEDEC/125	125			FPEDT/160	160	
	FPEDEC/160	160			FPEDT/200	200	
	FPEDEC/200	200			FPEDT/250	250	
	FPEDEC/250	250			FPEDT/315	315	
	FPEDEC/315	315					
	<b>Elbow 45°</b>  *Larger sizes prefabricated	FPEDEL45/040	40			<b>Reducing Tee</b> 	FPEDRT/050X040
FPEDEL45/050		50		FPEDRT/056X050	56 x 50		
FPEDEL45/056		56		FPEDRT/075X040	75 x 40		
FPEDEL45/063		63		FPEDRT/075X050	75 x 50		
FPEDEL45/075		75		FPEDRT/075X056	75 x 56		
FPEDEL45/090		90		FPEDRT/075X063	75 x 63		
FPEDEL45/110		110		FPEDRT/110X040	110 x 40		
FPEDEL45/125		125		FPEDRT/110X050	110 x 50		
FPEDEL45/160		160		FPEDRT/110X056	110 x 56		
FPEDEL45/200		200		FPEDRT/110X063	110 x 63		
*FPEDEL45/250		250		FPEDRT/110X075	110 x 75		
*FPEDEL45/315		315		FPEDRT/110X090	110 x 90		
<b>Bend 88°</b>  *Larger sizes prefabricated		FPEDEL88/040	40		FPEDRT/160X075		160 x 75
	FPEDEL88/050	50		FPEDRT/160X110	160 x 110		
	FPEDEL88/056	56		FPEDRT/200X110	200 x 110		
	FPEDEL88/063	63		FPEDRT/200X160	200 x 160		
	FPEDEL88/075	75		FPEDRT/250X110	250 x 110		
	FPEDEL88/090	90		FPEDRT/250X160	250 x 160		
	FPEDEL88/110	110		FPEDRT/315X160	315 x 160		
	FPEDEL88/125	125		FPEDRT/315X200	315 x 200		
	*FPEDEL88/160	160		FPEDRT/315X250	315 x 250		
<b>90° Bend Long Spigot</b>  *Larger sizes prefabricated	FPEDB90LS/040	40		<b>88.5° Swept Tee</b> 	FPEDST/110x110	110	
	FPEDB90LS/050	50					
	FPEDB90LS/056	56					
	FPEDB90LS/063	63					
	FPEDB90LS/075	75					
	FPEDB90LS/090	90					
	FPEDB90LS/110	110					
	*FPEDB90LS/160	160					
<b>90° Segmented Bend</b> *FPEDEL90/200 *FPEDEL90/250 *FPEDEL90/315  *Prefabricated to order		200		<b>Access Pipe With Screw Cap 88°</b> 	FPEDAP/063	63	
		250			FPEDAP/075	75	
		315			FPEDAP/090	90	
					FPEDAP/110	110	
<b>Stub Flange</b> 	FPEDSF/050	50		<b>Access Pipe With Oval Cover</b> 	FPEDAP/160	160	
	FPEDSF/056	56			FPEDAP/200	200	
	FPEDSF/063	63			FPEDAP/250	250	
	FPEDSF/075	75			FPEDAP/315	315	
	FPEDSF/090	90					
	FPEDSF/110	110					
	FPEDSF/160	160					
	FPEDSF/200	200					
	FPEDSF/250	250					
	FPEDSF/315	315					

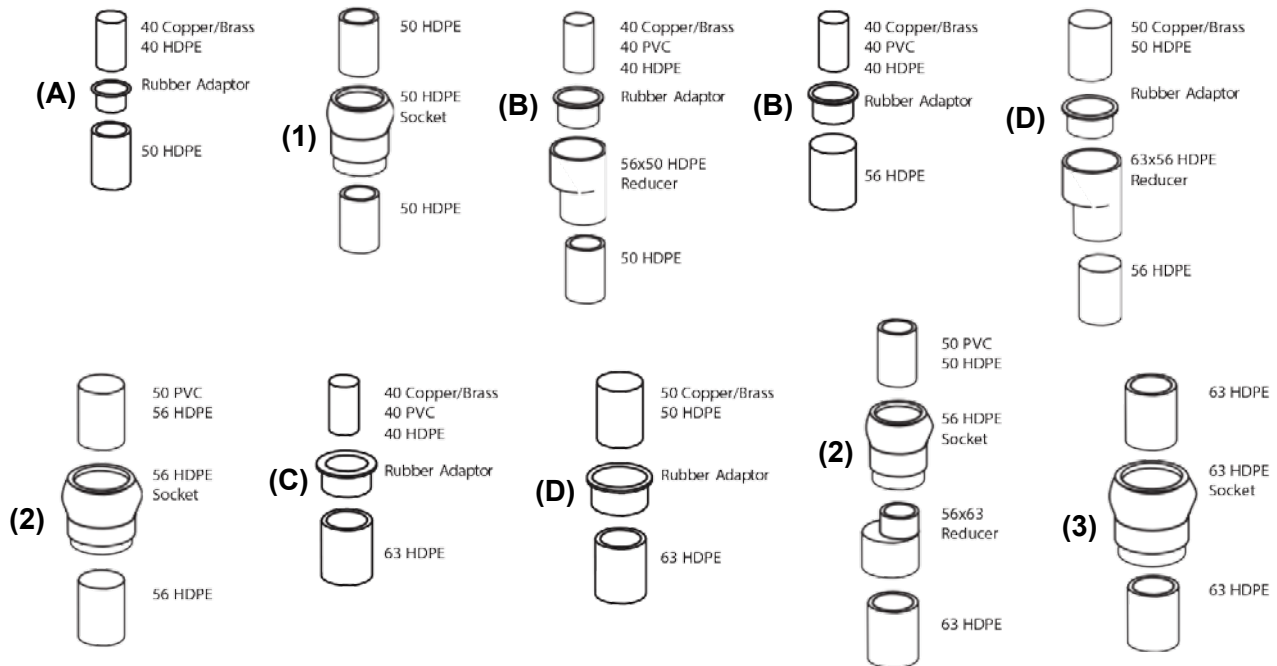
**PE DRAINAGE FITTINGS CONT...**

	CODE:	SIZE (OD) mm	PRICE
<b>4 Way Riser</b> 	FPED4WR/110X056	110/56	
<b>Ball Chambers with 2, 3 or 4 branches</b> - available on request			
<b>Wye Junction 45°</b> 	FPEDWYE/040 FPEDWYE/050 FPEDWYE/056 FPEDWYE/063 FPEDWYE/075 FPEDWYE/090 FPEDWYE/110 FPEDWYE/125 FPEDWYE/160 *FPEDWYE/200 *FPEDWYE/250 *FPEDWYE/315	40 50 56 63 75 90 110 125 160 200 250 315	
*Larger sizes prefabricated			
<b>Reducing Wye Junction</b> 	FPEDWYE/050X040 FPEDWYE/056X050 FPEDWYE/063X040 FPEDWYE/063X050 FPEDWYE/063X056 FPEDWYE/075X040 FPEDWYE/075X050 FPEDWYE/075X056 FPEDWYE/075X063 FPEDWYE/090X040 FPEDWYE/090X050 FPEDWYE/090X056 FPEDWYE/090X063 FPEDWYE/090X075 FPEDWYE/110X040 FPEDWYE/110X050 FPEDWYE/110X056 FPEDWYE/110X075 FPEDWYE/110X090 FPEDWYE/125X063 FPEDWYE/125X075 FPEDWYE/125X090 FPEDWYE/125X110 FPEDWYE/160X075 FPEDWYE/160X090 FPEDWYE/160X110 FPEDWYE/160X125 *FPEDWYE/200X110 *FPEDWYE/200X125 *FPEDWYE/200X160 *FPEDWYE/250X110 *FPEDWYE/250X160 *FPEDWYE/250X200 *FPEDWYE/315X110 *FPEDWYE/315X160 *FPEDWYE/315X200 *FPEDWYE/315X250	50 x 40 56 x 50 63 x 40 63 x 50 63 x 56 75 x 40 75 x 50 75 x 56 75 x 63 90 x 40 90 x 50 90 x 56 90 x 63 90 x 75 110 x 40 110 x 50 110 x 56 110 x 75 110 x 90 125 x 63 125 x 75 125 x 90 125 x 110 160 x 75 160 x 90 160 x 110 160 x 125 200 x 110 200 x 125 200 x 160 250 x 110 250 x 160 250 x 200 315 x 110 315 x 160 315 x 200 315 x 250	
<b>45° Double Branch</b> 	FPEDDWYE/110X110	110 x 110	

	CODE:	SIZE (OD) mm	PRICE
<b>Eccentric Reducer</b> 	FPEDER/050X040 FPEDER/056X040 FPEDER/056X050 FPEDER/063X050 FPEDER/063X056 FPEDER/075X040 FPEDER/075X050 FPEDER/075X056 FPEDER/075X063 FPEDER/090X050 FPEDER/090X056 FPEDER/090X063 FPEDER/090X075 FPEDER/110X040 FPEDER/110X050 FPEDER/110X056 FPEDER/110X063 FPEDER/110X075 FPEDER/110X090 FPEDER/125X050 FPEDER/125X056 FPEDER/125X063 FPEDER/125X075 FPEDER/125X090 FPEDER/125X110 FPEDER/160X110 FPEDER/160X125	50x40 56x40 56x50 63x50 63x56 75x40 75x50 75x56 75x63 90x50 90x56 90x63 90x75 110x40 110x50 110x56 110x63 110x75 110x90 125x50 125x56 125x63 125x75 125x90 125x110 160x110 160x125	
Note: Can be EF or Butt Welded			
<b>Long Spigot Eccentric Reducer</b> 	FPEDERLS/200X110 FPEDERLS/200X125 FPEDERLS/200X160 FPEDERLS/250X200 FPEDERLS/315X200 FPEDERLS/315X250	200x110 200x125 200x160 250x200 315x200 315x250	
<b>Male Threaded Adaptor</b> 	FPEDMA/050X11/2 FPEDMA/056X2 FPEDMA/063X2 FPEDMA/075X21/2	50x1½" 56x2" 63x2" 75x2½"	
<b>Female Threaded Adaptor</b> 	FPEDFA/050X11/2 FPEDFA/056X2 FPEDFA/063X2 FPEDFA/075X21/2	50x1½" 56x2" 63x2½" 75x2½"	

### PE DRAINAGE FITTINGS CONT...



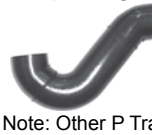

#### Adaptors from 50, 56, 63mm HDPE to the fixture trap or tundish



Reduce pipe > 63mm using PE eccentric reducer then adaptors from above

KEY	CODE:	SIZE (OD) mm	PRICE	KEY	CODE:	SIZE (OD) mm	PRICE
(A)	FPEDRTA/050X040	50 x 40		(1)	FPEDRRJ/050	50	
(B)	FPEDRTA/056X040	56 x 40		(2)	FPEDRRJ/056	56	
(C)	FPEDRTA/063X040	63 x 40		(3)	FPEDRRJ/063	63	
(D)	FPEDRTA/063X050 (Butt Weld only)	63 x 50		OR	Long Spigot for EF		
				(1)	FPEDRRJLS/050	50	
				(2)	FPEDRRJLS/056	56	
					(63mm not available)		

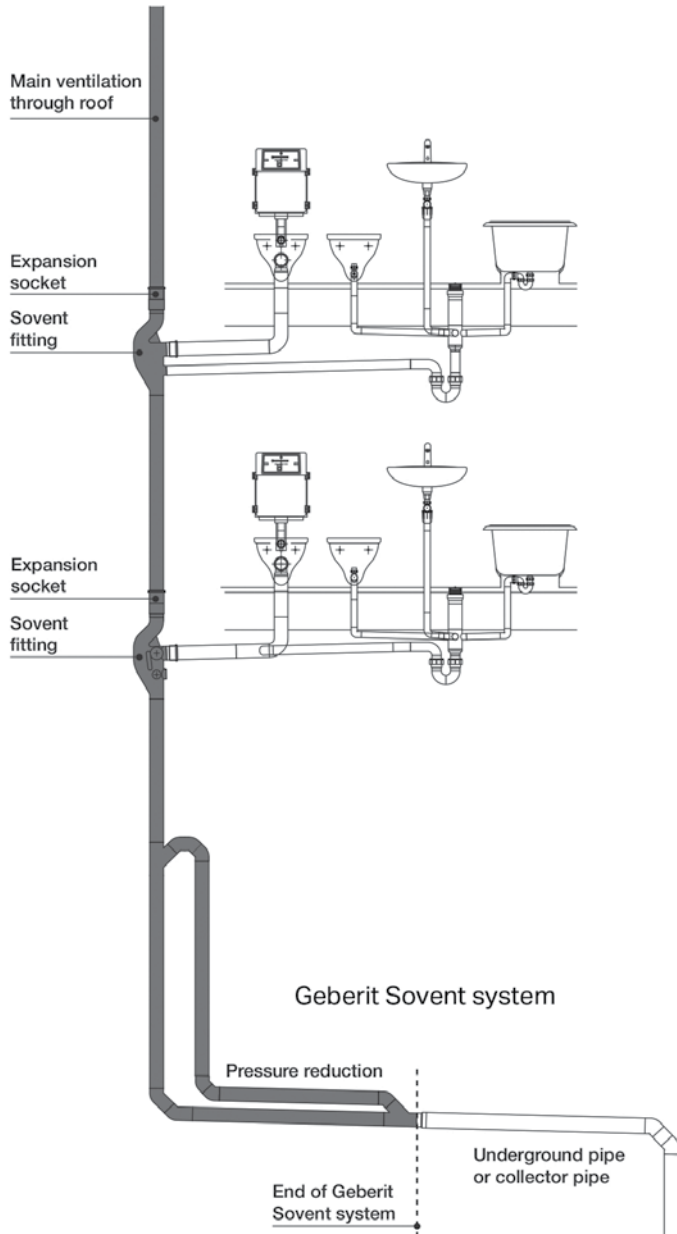
	CODE:	SIZE (OD) mm	PRICE
<b>Pan Connector</b> 	FPEDPC/110	110 x 135 Rubber	
<b>Screwed End Cap</b> 	FPEDSEC/040 FPEDSEC/050 FPEDSEC/056 FPEDSEC/060 FPEDSEC/070 FPEDSEC/090 FPEDSEC/110	40 50 56 63 75 90 110	
<b>Long Spigot Screwed End Cap</b> 	FPEDSECLS/056 FPEDSECLS/075 FPEDSECLS/090	56 75 90	
<b>S Trap</b> 	FPEDSTRAP/050X050 FPEDSTRAP/050X056	50 50x56	

	CODE:	SIZE (OD) mm	PRICE
<b>P Trap</b> 	FPEDPTRAP/050X050 FPEDPTRAP/050X056	50 50x56	
<b>P Trap - Short Fixed</b> 	FPEDSPT/050 FPEDSPT/056 FPEDSPT/063 FPEDSPT/075 FPEDSPT/090 FPEDSPT/110 FPEDSPT/160	50 56 63 75 90 110 160	
Note: Other P Trap sizes also available			
<b>P Trap - Long Fixed</b> 	FPEDLPT/050 FPEDLPT/056 FPEDLPT/063 FPEDLPT/075 FPEDLPT/090 FPEDLPT/110 FPEDLPT/160	50 56 63 75 90 110 160	
Note: Other P Trap sizes also available			
<b>P Trap Short Adjustable</b> 	FPEDAPT/110	110	
Note: Other P Trap sizes also available			

### PE DRAINAGE FITTINGS CONT...

Due to its high capacity and excellent performance Geberit Sovent is an ideal drainage system for:

- High-rise office buildings
- Hotels
- Multi-storey residential buildings



#### Why is Geberit Sovent a better solution?

There is a simple answer to that:

- Better performance, less space, labour and material cost

#### Better performance.

In comparison with conventional systems, Geberit Sovent:

- Reduces the pneumatic and hydraulic pressure
- Offers versatile branch joining possibilities
- Reduces stack sizes with the same loading capacities as a secondary ventilated system
- Saves space

	CODE:	SIZE (OD) mm	PRICE
<b>Sovent Ventilation Branch</b>  <ul style="list-style-type: none"> <li>• Pre-fabricated ventilation branches offered to reduce In-situ welding and costs</li> <li>• More than one PE/PVC ring seal adaptor: can be welded to a ventilation branch</li> <li>• Off take locations and orientation to be confirmed at time of order</li> </ul>	FPEDEVBF/110	110	
	160mm Sovents available on request		
<b>Expansion Joint</b> 	FPEDEJ/050	50	
	FPEDEJ/056	56	
	FPEDEJ/063	63	
	FPEDEJ/075	75	
	FPEDEJ/090	90	
	FPEDEJ/110	110	
	FPEDEJ/125	125	
	FPEDEJ/160	160	
	FPEDEJ/200	200	
	FPEDEJ/250	250	
FPEDEJ/315	315		
<b>Ring Seal Adaptor</b>  <p>Note: Butt Weld Only</p>	FPEDRRJ/040	40	
	FPEDRRJ/050	50	
	FPEDRRJ/056	56	
	FPEDRRJ/063	63	
	FPEDRRJ/075	75	
	FPEDRRJ/090	90	
	FPEDRRJ/110	110	
	FPEDRRJ/160	160	
<b>Long Spigot Ring Seal Adaptor</b> 	FPEDRRJLS/050	50	
	FPEDRRJLS/056	56	
	FPEDRRJLS/075	75	
	FPEDRRJLS/110	110	
	FPEDRRJLS/160	160	
<b>PE Slab Adaptor</b> 	FPEDSLAB/110	110	
<b>Long Spigot Weld On End Cap</b> 	FPEDWECLS/050	50	
	FPEDWECLS/056	56	
	FPEDWECLS/075	75	
	FPEDWECLS/090	90	
	FPEDWECLS/110	110	
	FPEDWECLS/160	160	

PE Drainage Tooling and Accessories are also available. Please refer to our Machines and Tooling product range.

PRICES INDICATED DO NOT INCLUDE GST

**GEBERIT PLUVIA SIPHONIC ROOF DRAINAGE SYSTEM**

**Double the amount of rainwater discharge.  
 Half the pipe diameter.**

Geberit Pluvia outlets have been specially constructed to ensure rapid removal of rainwater from the roof using siphonic principles with a vacuum effect.

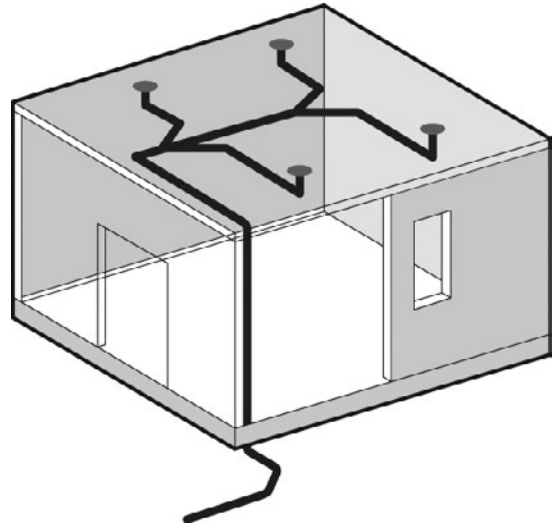
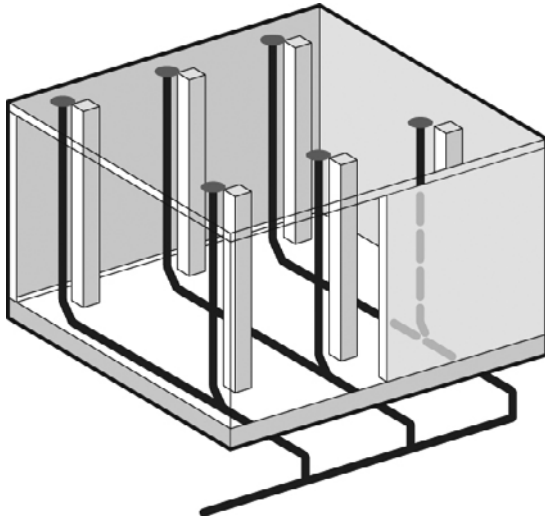
**Greater installation flexibility.**

The Pluvia system is simpler because no slopes are required for horizontal pipe runs, reducing ceiling space. Smaller pipe diameters can lead to lower material cost and greater installation flexibility.

**Service and support.**



Geberit offers a comprehensive service package for customers from training to designing and onsite technical support. Fully accredited, our staff are able to assist consultants with the design of the Pluvia roof drainage system.

**Advantages of Geberit Pluvia over conventional roof drainage systems**



- Many roof outlets
- Pipe laying necessary on a slope
- Many stacks
- Complicated underground pipes
- Large pipe dimensions

- Fewer roof outlets due to the high drainage capacity per roof outlet
- Space savings
- Reduced construction effort
- Smaller pipe dimensions
- Self-cleaning of the pipes due to high flow speeds
- Architectural freedom

Gutter Membrane

Roof outlets are a key component of a siphonic roof drainage system. Geberit roof outlets are available in gutter and membrane styles. Various sizes are available.

Roof outlets are not sold individually as they are supplied as part of the total siphonic system.

Each siphonic system is custom designed to suit individual buildings and roofs and the required ARI.

Siphonic roof drainage systems are quoted as a lump sum, and must be ordered as a package.

	CODE:	SIZE (OD) mm	PRICE
<b>Electrofusion Control Unit</b> Welds 3 joints at one time (up to 110mm)	GEBERITESG3	40 - 315	

**Pipework support:** It is recommended that Geberit siphonic roof drainage systems are installed using a suspension rail system and appropriate pipe clamps. Anchor brackets (fixed points) must be provided when the pipeline changes orientation and also to control expansion and contraction.

Please enquire about pipe clamps designed to be used with the EF (anchor) tape listed below.

	CODE:	SIZE (OD) mm	PRICE
<b>EF (Anchor) Tape</b>	FPEDEFTAPE/110	110	
	FPEDEFTAPE/160	160	
	FPEDEFTAPE/200	200	
	FPEDEFTAPE/250	250	
	FPEDEFTAPE/315	315	
<b>Open Weave Cloth</b>	FPEDOC		
<b>Hand Scraper</b>	APEEEFPS		