Product data sheet

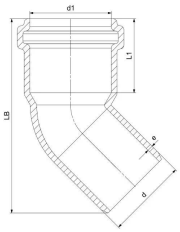


GF HT-PP elbow 45° 110

1150142

- Gray, PP-material, according to EN 1451





Application information GF HT-PP elbow 45°

Specification

- The system is made from monolayer polypropylene (PP) to ensure reliable performance in standard drainage applications.
- It is designed for non-pressurized soil and wastewater drainage in residential and commercial buildings.
- The system is fully compliant with EN 1451-1 for plastic soil and waste discharge and EN 13501 for fire classification.
- It achieves fire performance rating E according to EN 13501.
- The pipes are suitable for short-term exposure to high-temperature wastewater.
- The material provides high resistance to chemicals commonly found in domestic and commercial wastewater.
- The push-fit socket design with integrated sealing rings ensures quick installation and leak-tight connections.
- The system is available in nominal diameters ranging from DN 32 to DN 200.

Application

- Residential buildings
- Office buildings and conference facilities
- Schools, libraries, hospitals, and hotels
- Underground and above-ground house drainage
- Sustainable / green building projects
- Industrial facilities (short- and long-term use)
- Wastewater from kitchens, bathrooms, and household appliances (e.g. washing machines, dishwashers)

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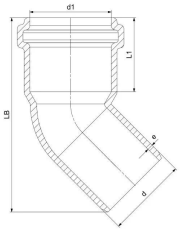

Status

Item Available From date	2026-02-01

Product code

Item no EAN	8698652031873
Item no GF	4901111004221
Item no GTIN	08698652031873
Item no VVS	186154110

Dimensions

Item Unit Height	192
Item Unit Length	135
Item Unit Weight	0,37
Item Unit Width	165
Item_UOM	pce

Packaging

Packaging GTIN PL1	06414900601436
Packaging GTIN PL2	06414900231060
Packaging GTIN PL4	06414900103992
Packaging Height PL1	192
Packaging Height PL2	400
Packaging Height PL4	1200
Packaging Length PL1	135
Packaging Length PL2	800
Packaging Length PL4	1200
Packaging Quantity PL1	1
Packaging Quantity PL2	50
Packaging Quantity PL4	300

Packaging Type PL1	Piece
Packaging Type PL2	Medium_Box
Packaging Type PL4	Pallet
Packaging Volume PL1	0,0042768
Packaging Volume PL2	0,192
Packaging Volume PL4	1,44
Packaging Weight PL1	0,37
Packaging Weight PL2	18,5
Packaging Weight PL4	136
Packaging Width PL1	165
Packaging Width PL2	600
Packaging Width PL4	1000

Measurements

Wall thickness_s	16
Z Measurement d	110
Z Measurement d1	110
Z Measurement d2	121,2
Z Measurement e	3,4
Z Measurement L	58
Z Measurement L1	71,1
Z Measurement LB	129,1
z1	22,8
Z2	22,8

Documents

Page with all documents

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