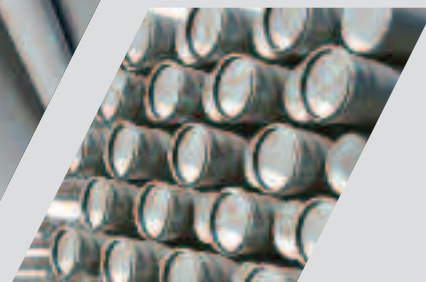


Wavin ED TECH

System Data Sheet



System description

Wavin ED TECH is a complete soil, waste and vent system made of polypropylene (PP) and well established in the European market. The revolutionary technology used for the ED TECH 3-Layer pipe is a result of years of research in the most skilled laboratories in the USA and Europe. For detailed information on the Wavin ED TECH system we refer to the Wavin ED TECH Installation Manual.



System benefits

- **Complete plastic system: Polypropylene (PP)**
Durable, corrosion resistant system.
- **Flame retardant PP compound, self-extinguishing**
Conforms fire regulations in all European and several non-European countries.
- **Certified**
In accordance with EN 1451 and ISO standards.
- **Noise reducing system**
Wavin ED TECH reduces noise compared to other conventional systems.
- **Easy to install**
Rubber-ring push fit connection and low weight.
- **Excellent chemical resistance**
Resistance to a large number of chemical agents.
- **Temperature resistance**
High temperature resistance for conveyed fluids up to 95°C.
- **Smooth walls**
Walls of pipes and fittings are perfectly smooth, preventing the build-up of deposits (no clogging).
- **Ease of inspection**
White coloured for easier internal inspection.
- **Flexibility**
High impact resistance even at low temperatures.

Documentation

The following documentation on the Wavin ED TECH system is also available:

- **Installation Manual (August 2008)**
- **Product list (August 2008)**

PP SOIL, WASTE AND VENT SYSTEM



Applications

The Wavin ED TECH system is used for in-house drainage applications:

- Sanitary facilities
- Washing machines and dishwashers
- Waste water in commercial kitchens, laundries and industrial plants
- Aggressive fluids in schools, laboratories and industrial buildings.

Wavin ED TECH is also suitable for drainage of rainwater inside buildings.

Range

The Wavin ED TECH system consists of ED TECH pipes and fittings and is available from DN 32 to 160 mm.

Category	Product	Dimensions (mm)
Pipes	■ plain ended	32, 40, 50
	■ socket/spigot	75, 90, 110
	■ socket/socket	125, 160
Bends	■ Bends 15° - 87°	32 - 160
Branches	■ Branches 45°, 67°, 87°	
	■ Corner branches	
	■ Double branches	32 - 160
Sockets	■ Double socketed connector	32 - 160
	■ Connecting socket	40 - 110
	■ Long socket	40 - 110
Reducers	■ Reducers	32/40 - 125/160
Accessories	■ Access pipe	
	■ Siphon / Trap connectors	
	■ WC connectors	
	■ Siphons Traps	
	■ Transition fittings	
	■ Protection cap	
	■ HepVo waste valves	



Quality requirements

The Wavin ED TECH system meets all requirements and has obtained certification by IIP according to the UNI EN 1451 quality standards. The grey-coloured system is stabilised for UV exposure. Rigorous testing and quality control throughout the entire production process ensures the reliability of Wavin ED TECH.

Product specifications

Raw material

Polypropylene (PP)

Density g/cm³

0.91 (pipes 32 - 50 mm)
0.75 (pipes 75 - 160 mm)
(ASTM D 1505)

Wall thickness

DN (mm)	Wall thickness (mm)
32	1.9
40	1.9
50	1.9
75	2.3
90	2.8
110	3.4
125	3.4
160	4.3

Weight per meter of pipe (plain ended HTGL)

DN (mm)	kg/m
40	0.218
50	0.274
75	0.414
90	0.586
110	0.854
125	0.976

Joining method

Rubber-ring push fit

Hot water resistance

95° C short term loading,
90° C long term loading

Chemical resistance

pH 2 - 12

Linear expansion

0.12 mm/m°C

Fire classification

DIN 4102 B1 (fitting)
DIN 4102 B2 (pipe)

Quality marking

IIP 152, UNI

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