KABUPLAST

Cable Protection Pipe and Foundation Pipe

PE-HD - DIN EN 61386 (VDE0605)
WPS – Water Pipe System GmbH
Leading pipe technology for convincing solutions

Corrugated Pipe Systems, in established composite construction offered by WPS, are a contribution to solve the water problems caused by the world’s rapidly increasing population and the consequences of global warming. In result of the long-year experience of our employees in the fields of Developing, Production and Sales of intelligent pipe systems, today we can offer our customers tailor-made services in pipe business.

Today our employees’ know how is building the foundation of successful cooperation with customers across the European continent.

The consequences of global warming, further industrialization and the increasing heavy rainfalls are challenges of our time, which require immediate efforts.

“Think of tomorrow and invest in the growth markets of today.....

...because water isn’t renewable

WPS – Water Pipe System GmbH - Your partner for multifarious solutions in corrugated pipe business
KABUPLAST

Application

The WPS cable protection pipes KABUPLAST are to be used for underground as non-pressure pipes for the protection of power and telecommunication cables against mechanical damage or as cable guide tubes.

Pipe Static

WPS cable protection pipes KABUPLAST may be statically calculated according to the ATV datasheet A 127. The supporting strength of the pipes in installed condition depends primarily on the installation and soil conditions. On request we will make you a static calculation for the particular installation. On demand we are pleased to provide you with a project questionnaire. Simply fill out - and we will calculate for you.
WPS – Cable Protection Pipes F + S

The protection- und ductwork produced of PE-HD

Cable Protection Pipes in twin-wall-construction with deciding advantages:

- corrugated outside
- smooth inside
- high pressure- and impact resistance
- high UV-stability
- non-halogen
- EN 61386

KABUPLAST - F and KABUPLAST - S pipes are to be used for underground, because of her high stiffness.

KABUPLAST-F tubes are very flexible and are therefore particularly suitable for winding pipe laying. Thanks to a special production process KABUPLAST-F receives its stiff, but still flexible characteristic.

The packaging in coils ensures fast and efficient pipe installation.

KABUPLAST - F tubes are flexible and therefore to install easily over uneven grave course. The excellent compression resistance is achieved by the homogeneous welding of smooth interior and corrugated outer tube. The smooth inner pipe and the factory-fitted feeder cord ensure effortless pulling of cables and wires. The profiled outer wall gives the tube the required static strength.

The sand-tight connection of the pipes is done by connecting sockets. In connection of socket and profile sealing ring a watertight connection is guaranteed.

Standard colour: black
Other colours available on demand

Coils

Bars
KABUPLAST, the ideal protection and ductwork for cables and wires:

- Slightly flexible
- Excellent compression resistance
- Optimal pipe cross-section in the bending area
- Simply cutting
- Fast and efficient installation (50-m-rings)
- Effortless connection of the individual pipe lengths
- Easier cable insertion

Ongoing quality controls ensure the consistently high quality standard of KABUPLAST-S and KABUPLAST-F tubes.

The provisions of DIN EN 1610, as well as the installation instructions of the WPS, apply to the installation in the ground.

Fittings for KABUPLAST „F“ and „S“

Double socket
For KPL “F” and “S”

Sealing ring
For KPL “F” and “S”

Endcap
For KPL “F” and “S”

Distance piece
For KPL “F” and “S”

Transition to KG
Spigot end
(KG-socket to slip-on)

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<th>KABUPLAST “S“</th>
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WPS – Foundation pipes produced of PE-HD
for installation of masts, poles and bars of every description

DECIDING ADVANTAGES:

- Wide range of lengths and diameters - individual dimensions on request.
- High stability of the foundation pipe through the proven composite pipe design according to DIN 4262-1 - smooth inside, corrugated outside. Thus very good bond to concrete coating.
- Due to the low weight, the installation is possible by only one person, without assistive devices.
- Holes for cable entries can be performed on site or pre-assembled at the factory on request.
- PE-HD guarantees high resistance to chemicals and corrosion. Temperature resistance -20° - +80° C.
- The entire underground building activity of the cable laying construction can be carried out before the installation of the mast.
- Suitable for lighting poles, fence posts and flagpoles.
- Protective cover prevents the invasion of dirt and rubble into the foundation pipe during construction.
- Other accessories on request.

For each application the right solution
WPS – Foundation pipe
Foundation pipe produced of PE-HD

FOUNDATION PIPE PE-HD

- available in different lengths
- different bore holes possible

Foundation pipe cover available in the dimensions DN250, DN300 and DN350

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WPS delivery programme

- Drainage – Agrosil 2500
- Percolation – Sicadukt / Drossdukt
- Sewage - Gigapipe
- Rainwater – Agro-Rain
- Cable protection - Kabuplast
- Prestressing technology – Metal-, duct-, anchorpipes / injection-, venting-tubes
- Special-purpose solutions

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