

POLYETHYLENE PIPES

for hydrotransport

MATERIAL

polyethylene (HDPE)
with increased abrasion
resistance

INTENDED USE

transport of gravel and sand pulp and other raw
materials extracted from gravel pits (mines)

SCOPE

Ø 200 mm - Ø 450 mm



STANDARDS: ZN ELPLAST+ 021, ZN ELPLAST+ 032

Standard (acc. to ZN ELPLAST+021) and Forte (acc. to ZN ELPLAST+032) hydrotransport pipes from 200 mm to 450 mm in diameter.

The exact pipe dimensions are given in the above-mentioned standards containing the dimension tables.

The raw material used for the pipes' production is special polyethylene giving improved abrasion resistance for pipes transporting water suspensions of sand, gravel, and other raw materials extracted from gravel pits (mines). The easy and required rotation of pipes during operation additionally extends their life span. As a standard, the pipes are manufactured in 12-metre sections and for their connection "ELPLAST+" Sp. z o.o. provides overlaid steel flanges (fixed or movable — reusable) or heated polyethylene sleeves with loose steel flanges. We can produce pipes of different lengths and flanges with an opening pitch diameter matching the existing system on the customer's request. Victaulic system connectors offer very convenient and quick coupling — they are reusable.

ADVANTAGES:

- easy and quick assembly/disassembly
- high mobility of pipeline elements
- polyethylene pipes do not overgrow, corrode or require maintenance
- easy pipe rotation for even wall abrasion on the entire circumference
- longer life span compared to typical polyethylene pipes
- specially selected pipe dimensions (thickened wall)

