

COMCOEPP

Engineering Plastic Products

Pipesystem for gravel and sand extraction



- + Sustainable
- + Cost effective
- + Quality and Engineering
made in Austria and Germany



About our Nylon Pipesystem

Due to their specific characteristics, our pipes have firmly established in the gravel and sand industry, the potash and salt industries and in mining. They have outperformed pipes made from other materials in a host of application. Our Nylon Pipesystem can be laid above ground, underground, above or under water. The pipes and flanges are manufactured seamlessly by centrifugal casting according to the activated anionic polymerization principle. This manufacturing process assures very high structural density in a bubble-free casting of constant wall thickness. Our pipes can be manufactured to individual standards of wall thickness or cross section to suit specific customer needs. When demands are roughest, they prove their superiority to pipes of other materials.

Benefits

- Lower pressure loss than with steel pipes = energy cost savings
- Highly abrasion-resistant, wear-resistant, therefore long service life
- High thermal resistance from -40°C to +120°C
- Excellent corrosion resistance
- Very good stiffness
- Resistant to chemicals, sewage, sea water, etc.
- Best weathering and UV resistance
- Flexible and resistant to permanent deformation
- Low dead weight 70–80% less than steel pipes and –50% less than HD-PE pipes
- Recyclable

Examples of use

- Dredging
- Pipelines for solids transport
- Port facilities and transshipment sites
- Mining/reclamation
- Fertiliser industry
- Construction materials handling
- Irrigation and drainage
- Landfills
- Natural gas/oil industry
- Groundwater lowering

Scope of delivery

- Transition pieces
- Clamp coupling (on request)
- T-piece
- Pressure pipes
- Flange coupling drilled to PN 10
- Pump riser pipes
- Well pipes
- Ball joint coupling (Perrot system)
- Dredging hoses
- Bend
- Pontoon float tubes
- Pinch valves

Nominal diameter DN (mm)	Outer diameter da (mm)	Inner diameter di (mm)	Wall thickness s (mm)	Weight (kg)	Outer flange dia. D (mm)	Flange thickness (mm)	Pitch circle dia. k (mm)	Hole diameter d (mm)	Hole number	Nuts and bolts (mm)	Washers
100	118	104	7	19	220	26	180	18	8	M 16x80	17-ST
150	167	153	7	28	285	28	240	22	8	M 20x80	21-ST
200	221	205	8	42	340	32	295	22	8	M 20x90	21-ST
250	271	253	9	58	395	35	350	22	12	M 20x100	21-ST
300	321	301	10	75	445	35	400	22	12	M 20x100	21-ST
350	391	365	13	116	505	38	460	22	16	M 20x110	21-ST
450	487	455	16	178	615	45	565	26	20	M 24x120	25-ST



Comco EPP Middle East

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