

Experts in Tube Bundles - KME's special products division includes a variety of specialised tube bundles known as OSNALINE®. These products are used for many industrial applications, in offshore facilities, in shipbuilding and in the building industry. This long tradition of tube bundle applications is one example of KME's unique developing and production potential.

Tube Bundles are pre-fabricated tube-runs:

up to 19 stranded components; halogen free/flame retardant jackets; excellent mechanical stability; protective outer jackets against (mechanical impacts; corrosion/abrasion); substantial cost savings (easy to install/access); less material waste.

Tube Bundles

Applications

- instrumentation lines for
- pneumatic/hydraulic syst.
- control technology
- transportation lines

Plastic Bundles

Applications

- instrumentation lines for
- pneumatic systems
- control technology
- transportation lines

Heat Traced Bundles

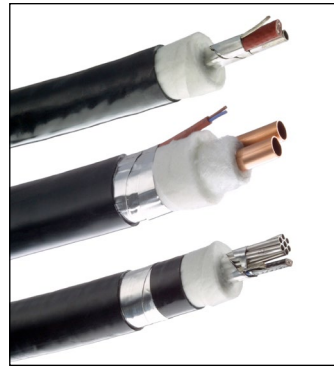
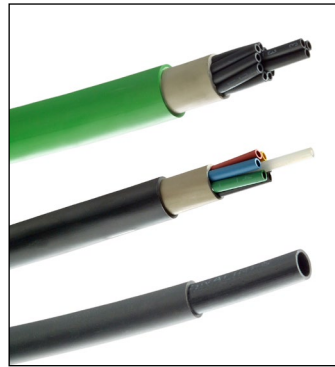
Applications

- heat traced lines for
- sample extraction
- process lines
- transportation lines

Coiled Stainless Steel Tubes

Applications

- instrumentation lines for
- shipbuilding
- oil & gas
- mechanical engineering



Size Ranges [mm]

- Stainless Steel:*
6x0.5 - 12.7x1.65
CuNi 90-10: 8x1 - 12.7x1.65
Copper: 6x1 - 12.7x1.65

Size Ranges [mm]

- 6x1
8x1
10x1
12x1

Size Ranges [mm]

- Stainless Steel:*
6x0.5 - 12.7x1.65
CuNi 90-10: 8x1 - 12.7x1.65
Copper: 6x1 - 12.7x1.65

Size Ranges

- 6x0.5mm up to 12x1.5mm,
1/4"x0.035" up to 1/2"x0.065",
Coils up to 500m
other dimensions on request

Materials

Tubes: Stainless Steel, CuNi 90-10, Copper
Outer jacket: PVC, PE, TPU

Materials

Tubes: PE, PTFE, PA, PFA
Outer jacket: PVC, PE, TPU

Materials

Tubes: Stainless Steel, Copper, TFE
Insulation: thermo-, fibreglass-fleece
Outer jacket: PVC, TPU, PE

Materials

Stainless Steel Grades: AISI 304, AISI 316L, AISI 316Ti
other materials on request

Advantages

- high pressure applications up to 400 bar

Advantages

- high flexibility
- chemical resistant tubes

Advantages

- self-regulating heaters (ex-proof)

Advantages

- state-of-the-art welding technology
- flexible production process
- high performance tubing for pressure purposes acc. to EN 10217-7 and ASTM A269
- high quality tubes regarding
 - strength
 - corrosion
 - bendability
 - tolerances

Special Designs

- filler sheathing
- individual colour coding

Special Designs

- individual coloured tubes
- welding bead protection
- integrated electric lines

Special Designs

- pre-assembling heating cable end fitting
- frost protection
 - electrical heat tracing: up to 150°C
 - temperature maintenance
 - steam tracing: up to 500°C
- spring wire armouring
- tube in tube system