



CUNOVA

FORMERLY KME
SPECIAL PRODUCTS
& SOLUTIONS



OSNALINE®
Tube Bundles

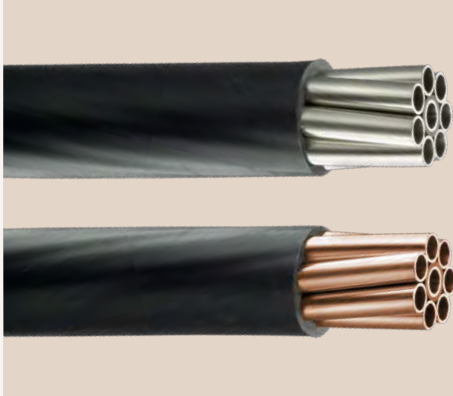
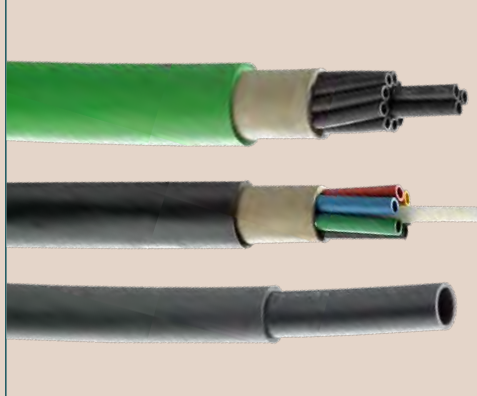


MARITIME
APPLICATIONS

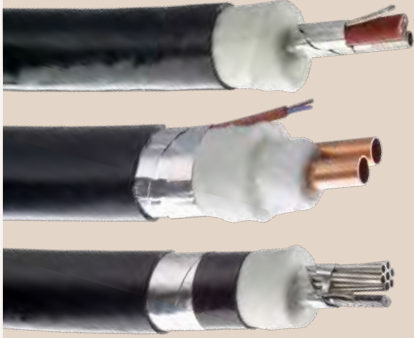

OSNALINE® Tube Bundles

cunova'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 cunova's unique developing and production potential.

Tube Bundles are pre-fabricated tube-runs: up to 19 stranded components; halogen free/ flame retardant and antistatic jackets; excellent mechanical stability; protective outer jackets against (mechanical impacts; corrosion/abrasion); substantial cost savings (easy to install/access); less material waste.

	Metallic Bundles	Plastic Bundles
Applications	<ul style="list-style-type: none"> Instrumentation lines for <ul style="list-style-type: none"> - Pneumatic/hydraulic syst. - Control technology Transportation lines 	<ul style="list-style-type: none"> Instrumentation lines for <ul style="list-style-type: none"> - Pneumatic systems - Control technology Transportation lines
Size Ranges [mm]	Stainless steel: 6 x 0,5 mm – 12 x 1,5 mm ¼" x 0.035" – ½" x 0.065" Copper: 6 x 1 mm – 12 x 1,5 mm	6 x 1 8 x 1 10 x 1 12 x 1
Materials	Tubes: Stainless steel, 6Mo, copper Outer jacket: PVC, TPU, PE	Tubes: PE, PTFE, PA, PFA Outer jacket: PVC, TPU, PE
Advantages	<ul style="list-style-type: none"> High pressure applications up to 750 bar 	<ul style="list-style-type: none"> High flexibility Chemical resistant tubes
Special Designs	<ul style="list-style-type: none"> Filler sheathing Individual colour coding 	<ul style="list-style-type: none"> Individual coloured tubes Welding bead protection Integrated electric lines
		

Other dimensions and materials on request.

	Heat Traced Bundles	Coiled Stainless Steel Tubes
Applications	<ul style="list-style-type: none"> • Heat traced lines for <ul style="list-style-type: none"> - Sample extraction - Process lines • Transportation lines 	<ul style="list-style-type: none"> • Instrumentation lines for <ul style="list-style-type: none"> - Shipbuilding - Oil & gas - Mechanical engineering
Size Ranges [mm]	Stainless Steel: 6 x 0,5 mm – 12 x 1,5 mm $\frac{1}{4}$ " x 0.035" – $\frac{1}{2}$ " x 0.065" Copper: 6 x 1mm – 12 x 1,5 mm	6 x 0.5 mm up to 12 x 1.5mm $\frac{1}{4}$ " x 0.035" up to $\frac{1}{2}$ " x 0.065" Coils up to 500 m
Materials	Tubes: Stainless steel, 6 Mo, copper, PTFE, PFA Outer jacket: PVC, TPU, PE Insulations: Thermo-fleece, fibreglass-fleece	Stainless steel grades: AISI 316L, AISI 316Ti
Advantages	<ul style="list-style-type: none"> • Self-regulating heaters (ex-proof) • Antistatic outer jacket 	<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> - Strength - Corrosion - Bendability - Tolerances
Special Designs	<ul style="list-style-type: none"> • Pre-assembling heating cable end fitting • Frost protection <ul style="list-style-type: none"> - Electrical heat tracing: up to 150° C • Temperature maintenance <ul style="list-style-type: none"> - Steam tracing: up to 500° C • Spring wire armouring • Tube in tube system • Antistatic outer jacket 	-
		

Other dimensions and materials on request.



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**Further information on
OSNALINE® - Tube Bundles:**

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® = registered trademark

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