



 Alleima

Alleima control lines and chemical injection lines. We help you get there.

Take control  
reach deeper

# When well compromise is simply not an option

Whether you're based in the Gulf of Mexico, Brazil, Middle East, Asia or elsewhere Alleima control line specialists are ready to help you overcome harsh downhole challenges. Having served the industry for 50 years and produced high-quality Swedish steel for 150 years, we encourage you to put our materials expertise to work.

## End-to-end solutions

Alleima provides a wide range of seamless and seam welded control lines and chemical injection lines in austenitic stainless steel, duplex stainless steel

and nickel alloys. Our aim is to have a quick and effective solution whatever the requirements – from bare tubes to encapsulated flatpacks, including TEC lines, fluid filling and cable protectors.

Sizes	
OD	WT
1/4"	0.028"
	0.035"
	0.049"
	0.065"
3/8"	0.035"
	0.049"
	0.065"
	0.083"
1/2"	0.035"
	0.049"
	0.065"
	0.083"

Materials				
Grade	UNS Number	Seamless	Seam welded	
316L	S31603	x	x	
Sanicro® 41 (Alloy 825)	N08825	x	x	
Sanicro® 60 (Alloy 625)	N066225	x	x	
SAF™ 2205	S31803, S32205	x	x	
SAF™ 2507	S32750	x		
Sanicro® 28	N08028	x		
Sanicro® 29	N08029	x		

Other grades might be available upon request.

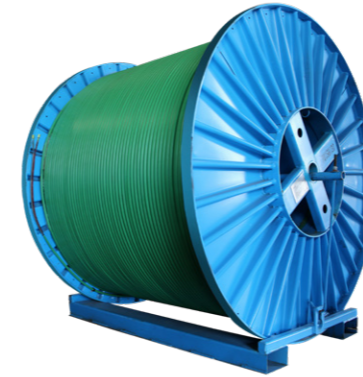
## Encapsulation

Alleima has in-house capacity and qualified suppliers to provide thermo-plastic encapsulation of tubes and cables in a wide range of materials and sizes, according to your needs.

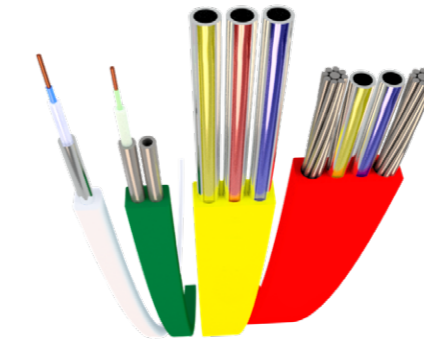
### Alleima encapsulation materials

Alleima	Materials	Max temperature rating, °C / °F
SAN 195	PVC	90/195
SAN 200	Polyamide 11	95/200
SAN 210	Polypropylene	100/210
SAN 280	TPR/TPV	140/280
SAN 280+	PVDF®	140/280
SAN 300	Halar®	150/300
SAN 310	ETFE/Tefzel	155/310
SAN 400	Hytrel®	200/400
SAN 400+	FEP	205/400
SAN 500	PFA	260/500

Alleima can supply seamless tubes in super long coils with no butt welding.

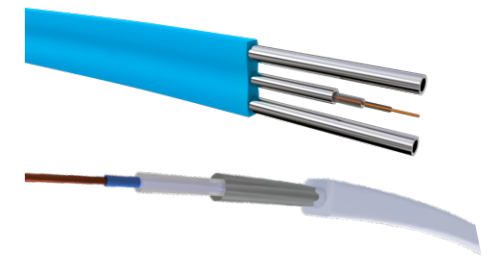


We provide cut-to-length coiled tubes or flatpacks with multiple lines, encapsulated, flushed & filled and supplied on metal or wooden reels – direct to your site.



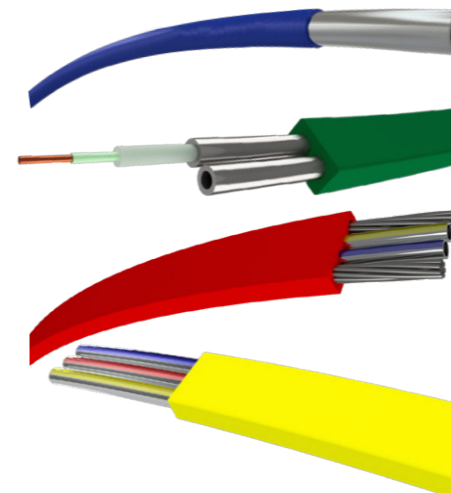
## Tec lines

We supply Tubing Encapsulated Cable (TEC) for Pressure Downhole Gauges (PDG). The cable is supplied according to customer specification, including two layers of insulation and a metallic tube in the same range of materials as for our seam welded tubes. TEC lines can be supplied with or without external plastic encapsulation, or within a flatpack with other tubes.



## Flushing & Filling

Alleima has in-house capacity of performing hydrostatic testing up to 30,000psi. Flushing and filling with fluids to meet customer technical specifications at the requested cleanliness class.



## Protectors / Clamps

We offer cast and press forged cable protectors/clamps in a range of materials – from carbon steel to stainless steel grades such as super duplex. All protectors are produced in accordance with our customers' technical requirements.



## Global presence

To support your demanding control lines needs, we maintain a global presence in all the major oil and gas hubs. Our sales offices, warehouses and service centers are situated in strategic locations close to your operations. Services provided by Alleima include: cut-to-length tubes, color coding, flushing and filling with fluid, hydrostatic testing and plastic encapsulation.

## Reels & Skids

Alleima supply flatpacks in wooden or metal spools, according to customer specifications. Sizes of reels can be suggested by Alleima or specified by customers. The reels are painted Alleima blue and have "Alleima" stenciled. Every reel and skid is fully inspected to insure the product is safe during transportation and during installation on the rig.

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## About Alleima

Alleima (formerly Sandvik Materials Technology) is a leading manufacturer of high value-added products in advanced stainless steels and special alloys as well as products for industrial heating. Based on long-term customer partnerships, we advance processes and applications in the most demanding industries. With more than 900 active alloy recipes, our offering comprises products for several customer segments, mainly seamless stainless tubes, electric heating technology and resistance materials, ultra-fine wire, and precious metals for use in medical devices and electronic appliances, as well as precision strip steel and strip-based products. Our fully integrated value chain, from R&D to end-product, ensures industry-leading technology, quality, sustainability, and circularity. Alleima, with headquarter in Sandviken, Sweden, has more than 5,500 employees and customers in approximately 90 countries.