

TUBE COLD FORMING SELECTION GUIDE FOR TUBE & BAR



CONDAT: An extensive product range covering all applications*

CONDAT develops, manufactures, and markets a global offer for Hot and Cold forming of Tubes, including rolling, drawing, and corrosion protection for all materials.

Taking advantage of its expertise in metal die casting, wire drawing and metal working, CONDAT has developed innovative speciality lubricants under the brand name CONDATUB, COLLUBE, VICAFIL and CONDAPROTECT.

* The list of lubricants below is not exhaustive but only an extract of our range.
Please contact us for further information.

CONDATUB Range

Taking advantage of its expertise in cold drawing and cold forming, CONDAT offers an extensive range of products including surface treatments, water soluble concentrates, drawing oils, pastes, forming gels and rust protection products to fulfill the requirements of its customers.

The lubricants of the range « metal cold forming » assist in the following processes : rolled & welded tubes, pilger drawing, single and double pass drawing, forming, profiling...including anti rust protection.

SOLUBLES & SOAPS FOR COLD FORMING

		Carbon Steel	Galvanised Steel	Stainless Steel	Copper & Alloys	Aluminum & Alloys	Zirconium	
ROLLED & WELDED	Solubles							
	CONDATUB SL 498	•	•		•	•		Outstanding bio-stability and clean to use (High detergency).
	CONDATUB SL 500	•	•		•			Soluble bringing enhanced anti corrosion protection.
PILGER ROLLING	Solubles							
	VICAFIL T474 F2A CONDATUB SP 474 F2A					•	•	Pilger Roller forming of zirconium tubes (for nuclear applications).
	CONDATUB SL 715			•		•	•	Versatile soluble for pilger roller forming fo Copper/ Copper alloys as well as zirconium (intermediate & final passes).
	Oils							
	CONDATUB TFH 115B					•	•	Lubricant for final processes and specifid surface finish.

Please refer to our complementary additives range to help you manage your lubricant lifetime and performance.



CONDAT

COMMITTED TO RESPONSIBLE PERFORMANCE

TUBE COLD FORMING

SELECTION GUIDE

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SURFACE TREATMENTS & LUBRICANTS FOR DRAWING AND FORMING

		Carbon Steel	Stainless Steel	Copper & Alloys	Aluminum & Alloys	Zirconium		
SURFACE TREATMENTS	Polymers	SUPRALUB 35	•	•	•	•	Self-lubricating coating based on polymers and soaps.	
	Salts	VICAFIL TS 4445 W		•			Salt-based with crystallized aspect. Very low moisture pick-up (low borax formulation).	
		VICAFIL TS 7853	•				Economical salt-based coating with crystallized aspect.	
DRAWING	Reactive Soaps	COLLUBE 55 - 551	•	•			Reactive soap for drawing after phosphating.	
	Neat Oils	CONDATUB TFH 1684 - TFH 81	•	•			Drawing of bars & tubes, incl. Phosphated steel. Semi-synthetic oil with no residues after thermic treatment.	
		VICAFIL TFH 1218 - TFH 1167 - TFH 1058			•	•	Versatile semi-synthetic oils for drawing	
		VICAFIL TFH 386 - TFH 4002			•	•	Synthetic oil with no residues after thermic treatment - Medium viscosity.	
		VICAFIL TFH 920 - TFH 4065 - TFH 4321 - TFH 4557 - TFH HCB		•			Heavy duty drawing oils (EP additives) with varying viscosities.	
FORMING	Gels & Greases	VICAFIL TFH 486 - TFG 4295		•			Heavy duty grease for heavy reduction / Large diameters	
		CONDAFORM BG 1636	•	•	•	•	Tube forming. Bending gel with high adhesion and easy to clean / remove residues.	
		VICAFIL SP 1172	•		•			Tube forming. Soluble paste with high lubricity and easy to clean / remove residues.
		VICAFIL TFG 4298			•	•		Viscous grease (without EP additives) for non-ferrous material forming.

Specific applications such as tube drawing for brass or copper alloys, require paste lubricants in order to avoid cross contamination between inner and outer lubricants, as the same product can be used in both pure and diluted form.

