



SURFACE COATINGS SELECTION GUIDE



Vicafil® non reactive coatings are designed to improve drawing performance. They are applied after acid cleaning or after mechanical descaling (brushing, shot blasting, etc....)

This technology is often used on stainless steel and high carbon steel for the drawing of wire, bars or profiles and for cold heading applications.

Comparing to phosphate coatings, these non reactive coatings are based on mineral salts and they are typically developed because:

- They are very much easier to implement and maintain,
- It is an environmentally friendly technology,
- They are more efficient and allow process savings.

The wide range of salts and formulations used, enable us to provide customers with products answering their needs in terms of:

- Coating adhesion
- Artificial roughness
- Drying ability

Alternative solutions are also available to replace zinc phosphate coating for drawing of cold heading wire. Such surface treatments offer a more cost effective solution.

To meet forthcoming regulation on borax and to anticipate future changes, CONDAT has reformulated its most popular pre-coatings, and now offers an extensive choice of products for direct substitution, including both low-borax and borax-free alternatives.

- The low borax range is designed with alternative technologies and complies with most recent legislations. They are allowing a smooth transition without any process parameters changes. This approach also means economical optimisation of this new environmental constraint.
- The zero borax range offers the optimum version of our most popular products, designed to address the most stringent environmental constraints for health and safety.

APPLICATIONS

- Wire drawing of carbon steel
- Wire drawing of stainless steel
- Wire for cold-heading (Steel and stainless steel)
- Drawing of straight bars (Steel and stainless steel)

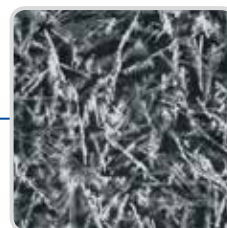


TS 408



TS 408

CONDAT



TS 853



TS 7112

PROVIDING INNOVATION TO YOUR INDUSTRY



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| | | Wire drawing | | Cold heading | | Bars & profiles | | |
|---------------------------|--------------------------------|--------------|-----------------|--------------|-----------------|-----------------|-----------------|--|
| | | Carbon Steel | Stainless steel | Carbon Steel | Stainless steel | Carbon Steel | Stainless steel | |
| Non-Reactive Pre-Coatings | TS 853 TS 350 | • | | | | • | | Versatile. Economical. |
| | TS 7113 | • | • | • | • | • | • | Phosphate-free and Borax-free. Versatile with high performance. |
| | TS 7500 | • | | | | • | | Versatile. Increased coat weight compared to straight Borax coating. |
| | TS WIG | • | | | | • | | Contains a soap additive. High carbon applications |
| | TS 649 TS 1545 | | • | | • | | • | Rough and adherent coating. |
| | TS 408 TS 4770 | | • | | • | | • | Versatile - Wire drawing including spring wire |
| | TS 4445 TS 4445 W | | • | | • | | • | High coat weight. Very low moisture pick up. |
| | TS 640 TS 640 W | | • | | • | | • | Versatile with low moisture pick-up. |
| | TS 4915 | | • | | • | | • | Versatile - large and small diameters |
| | TS WCB | • | | • | | • | | Adherent. Single or multipass |
| | TS WGA | | • | | • | | • | Speciality coating contains molybdenum disulphide |
| Reactive Coating | Collube 1890 Collube W 1890 | • | | • | | • | | Reactive soap after phosphate coating. Versatile. High Performance. |

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