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METALDEC

De-oxidant for stainless steel

METALDEC is a range of products, available in different versions, specifically formulated to remove the black stain that forms on stainless steel during welding processes.

METALDEC LIQUID (K0043200)

The product is mainly applied to deoxidize small objects that can be fully immersed in a specific pickling tank, prepared for the purpose. The product's action is extremely quick, and in just a few minutes, the component is perfectly deoxidized boasting an even surface. The product can be diluted with water according to proportions to be established through practical tests, keeping in mind that pickling times will increase.

METALDEC PASTE (K0043500)

In this version, the product comes in a white paste, easy to work, that can be spread on the component, therefore limiting consumption to the quantity strictly required, and avoiding unaesthetic dripping caused by applying the liquid product with a brush. The application time, similar to the liquid version, ranges from 5 to 30 minutes, according to the type of steel and it must be carefully determined by the operator during the first applications. When the black stains disappear completely, the excess product must be removed and rinsing is required to prevent the material to "whiten" due to extended contact. The product may be stratified if not used for an extended period of time: mix it properly before applying it.

METALDEC GEL (K0043800)

It is a semi-clear gel that offers the same performances of the version in paste but does not excessively whiten the surface on which it is applied. Even if its action is slower compared to the product in paste, it cleans the welds without leaving white stains in non-darkened areas on which the product is applied.

METALDEC 626 (K0043900)

The product comes in gel, it perfectly deoxidizes welds on stainless steel and **it is free of nitric acid**. Therefore no nitrous vapours will be released when applying METALDEC 626: it is a cutting-edge product, with high pickling performances also on the most demanding tasks, without developing gases and vapours that could be harmful for the operator.

METALDEC GEL P (K0043600)

Semi-clear gel with controlled pickling action. The product is indicated for long welding sections or seam welding. In these cases, the de-oxidant in gel requires long application and removal times, even exceeding one hour, but the application of a regular product would excessively whiten the borders adjacent to the weld. This problem does not occur with METALDEC GEL P which eliminates the welding seam without excessively whiten the rest of the surface.