

Assortment FIXODROP **New**

8980-8982 / 7060-7062/ 7070-7072



Description

Epilamination is a surface treatment intended to lower the surface tension of the support thus preventing the spreading of liquid lubricants. It provides the highest possible degree of security for mechanical precision instruments.

Fixodrop are modern epilame, developed by MOEBIUS, based on fluorinated synthetic resins, diluted in EcoSolv (ES) which meets current ecological standards.

Product range

Fixodrop ES/BS (8980/8981/8982)

Fixodrop ES/BS are the standard epilames of our range. Easy to apply, these products have the advantage of being extremely robust and insensitive to the state of the treated surfaces. This product can be applied to all materials and is not sensitive to pollution of baths and other contaminants that may be present on the surfaces to be treated. Thus the epilame baths can be preserved durably without observing defects of epilame on the parts. These products have good and regular epilame effects and moderate wash resistance up to three washes (organic basic detergent type).

These products will be suitable for processing any type of material with a simple and robust process requiring little maintenance.

Fixodrop ES/WR-S (7060/7061/7062)

Fixodrop ES/WR-S are the first series of our « Wash Resistance » (WR) epilames that have been specifically developed to improve the washing resistance of standard materials (Steel, Ruby, Copper, etc.). These epilames can be applied to all materials, but they will be the most effective on these standard materials for which they have excellent resistance to washing (see graphs on page 2). More sensitive to the surface condition of the materials to be treated, these epilames require stricter conditions of use and surfaces free of contaminants that could interfere with the anchoring of these epilames. The deposition process remains simple (deep coating), but we recommend washing the pieces just before the epilame treatment and finishing the washing with an alcohol / water bath favorable to the grip. Benzine type finishes should be avoided.

These products will be suitable for the treatment of all types of materials and are particularly recommended for the so-called "classic" substrates where excellent washing resistance is required to maintain the highest possible epilame effect throughout the parts lifecycle.

Fixodrop ES/WR-P (7070/7071/7072)

Fixodrop ES/WR-P are the second series of our « Wash Resistance » (WR) epilames that have been specifically developed to improve the washing resistance of special or precious materials (Gold, Rhodium-plated, Nickel, DLC, etc.). .). These epilams can be applied to all materials, but they will be the most effective on these materials for which they have excellent resistance to washing (see graphs on page 2). More sensitive to the surface condition of the materials to be treated, these epilames require stricter conditions of use and surfaces free of contaminants that could interfere with the anchoring of these epilames. The deposition process remains simple (deep coating), but we recommend washing the pieces just before the epilame treatment and finishing the washing with an alcohol / water bath favorable to the grip. Benzine type finishes should be avoided.

These products will be suitable for the treatment of all types of materials and are particularly recommended for the so-called "special" substrates where excellent washing resistance is required to maintain the highest possible epilame effect throughout the parts lifecycle.



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New



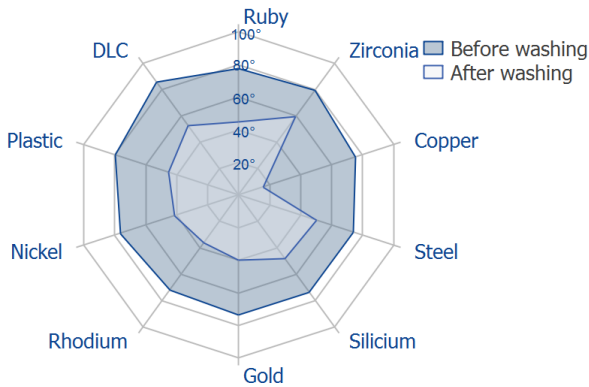
Contact angles

The measurement of the contact angles after epilamization (before washing on the graphs) is shown in the following darker radar charts. The second measurement after 3 consecutive wash cycles with a Rubisol type wash (after washing on the graphs) is presented in a lighter color.

The synthetic universal oil 9010 is used for high precision mechanics. It is representative of horological oils.

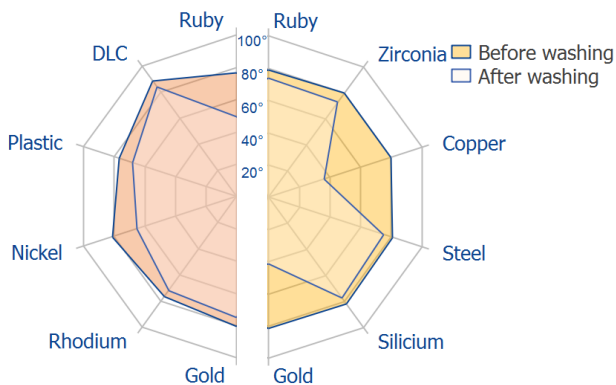
Moebius

FIXODROP ES/BS 8981



Initial epilame effect good. Washing resistance correct. This epilame is not very sensitive to the cleanliness of the parts.

FIXODROP ES/WR-P 7071



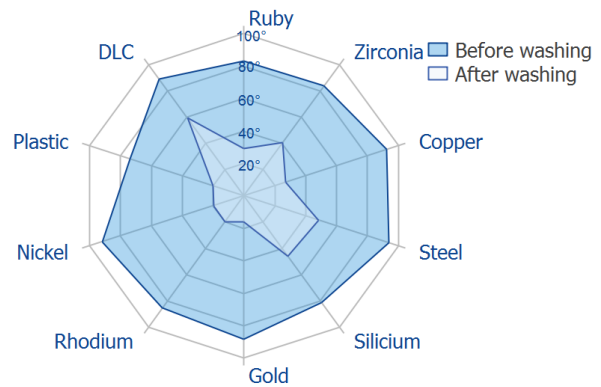
Initial epilame effect good. Good resistance to washing. These epilames are more sensitive to the cleanliness of the parts than the 8980-8982 epilame.

FIXODROP ES/WR-S 7061



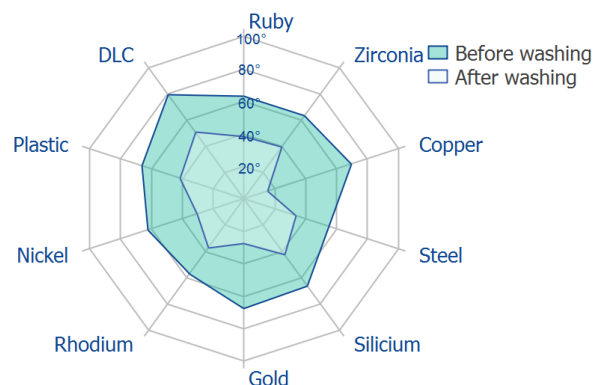
Competition

Competition A



Initial epilame effect too strong (difficult lubrication). Very low wash resistance.

Competition B



Initial epilame effect good. Low wash resistance.

