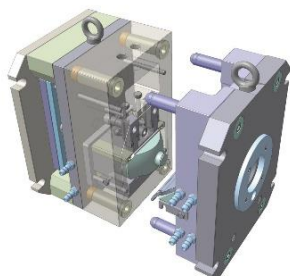


## Product information

# ANTI-ADHESIVE THIN COATING

## “EPILAM® SFC-05”

TY 2412-002-13868195-2012



### APPLYING

“EPILAM® SFC-05” thin-layer protective coatings for equipment for the production of automotive components, rubber, heat exchangers, molds from sticking of rubber, polymers, protection against aggressive media in heat exchangers, increase in removal from molds with the help of easily applicable surface modifiers.

### USING

- Stamps, press / lit forms, screws, extruders
- Vibration lifters, rolls, conveyors, hinges
- Dies, augers, burner nozzles
- Needles in the textile industry
- Bearings, machine guides, toothed screws for machine meshing, corrugated lines, printing equipment.
- Reduced sticking of zinc (dust) on stamps
- Seals, rods of pneumatic cylinders of equipment in various industries
- Measuring, optical devices, office equipment, photo-audio equipment
- Components of food industry equipment - mixers, tanks, conveyors, refrigeration, packaging machines.
- Packaging machines and filling machines
- Optimization of stamping technology
- Lubrication at the stage of forming blanks
- Friction bearings, friction
- Gears, chain drives
- rolling / sliding guides
- Spline connections, seals
- Pumps, engine components, injection pump

### PRE-CLEANING

Specialized cleaners are recommended “Fluora-A” is a family of solvent substances with improved properties that provide the optimal balance of safety and operational characteristics. Suitable as cleaning solvents.

### THICKNESS

The thickness of the chemisorbing / adsorbing film is up to 100 nanometers, the total layer is up to 1 micron

### PACKING

5kg, 10kg, 20kg, 100 kg, 200kg

### PROPERTIES

- Excellent protective anti-adhesive properties
- Forms a steady protective and separating layer, comes ready to use

### ADVANTAGES

- Thickness of chemisorbing / adsorbing film up to 100 nm
- It withstands temperature effects from -50 ° C to + 320 ° C without degrading performance
- Resistance to chemically aggressive environments. Inhibition of corrosion
- Suitable for extreme deformation conditions
- Polymerization at room temperature
- Lack of deposits

### IMPACT ON ECOLOGY

- Do not contain toxic
- Not carcinogenic.
- Not explosive
- Does not irritate.
- Safety data sheet available

### APPLICATION

- Can be applied by spraying, dipping, wetting, roller
- Low composition consumption
- The estimated amount of the composition is 1 kg per 12-14 m<sup>2</sup> surface

### DRYING TIME

- No training requirements
- Dries in a few minutes without the need for heat treatment
- You can work without waiting for drying

### COLOR

- Transparent (depends on the surface)
- Blue – green (optional)

### SHELF LIFE AND STORAGE

At a temperature not higher than 40 ° C in the original packaging, the product has a shelf life of 24 months from the date of manufacture



INDUSTRY	
Areas of use	Stamps, molds, dies, tanks, extruders
	Metals, alloys, including precious
EPILAM SFC-05	Loaded friction pair, tools
	Heat exchangers
	Rubber, oil and gas industry
	Instrument making, construction

## SPECIFICATION

Application area	All areas of industry
Effect	It creates a thin protective coating that can significantly reduce the adhesion coefficient (sticking)
Density at t=20°C	0,8-1,3 g/cm <sup>3</sup>
Consumption rate, 1 L Number of layers	at 12 ... 14 m.kv (on average) single layer
Drying time Cure time	Up to 10 min Up to 120 min
Application temperature :	-20°C ... +40°C
Removal tool	De-greaser "FLUORA-A1"

## MODIFICATIONS OF «EPILAM SFK-05»

<b>SFK-05</b>	<b>ANTIADHESIVE, transparent</b>
<b>SFK-05C</b>	<b>ANTIADHESIVE, blue</b>
<b>SFK-05K</b>	<b>ANTIADHESIVE, silicon containing</b>
<b>SFC-05T</b>	

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Before using the product, the user must determine its suitability for the intended purpose.

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