

Checklist Sample Coating



Preselection of suitable Solid Film Lubricants and coating processes for your components

Based on this information, we can provide you with various product samples and an offer for volume coating. If you have any questions, please do not hesitate to contact your responsible representative.

General information

Company*

Contact/Department*

Address (street, zip code, city)*

Phone*

Fax

Email*

Date

Information required for a coating offer

Description*

Part name/
material number*

Component is safety relevant according to IATF 16949*

yes*

no*

Part weight (g)*

Quantity p.a. (pcs)*

Quantity p.a. (kg)*

Dimension/part

Series lot size*

Quantity (pcs) *

Quantity (kg)*

or

Quantity (pcs)

Quantity (kg)

Drawing number

Pretreatment

Metals

None (only with clean, oil/grease/dust-free parts)

Washing

Washing und manganese phosphatizing (only possible with carbon steel)

Sand blasting und washing

*required fields

Plastics/Elastomers			
Washing			
Plasma activation			
Washing and plasma activation			
Coating application			
Requested coating product			
Application process (if known/specified)			
Packaging			
Standard (Bulk goods, repackaging in delivery containers)			
Intended delivery containers			
Special requirements for the packaging			
Specific labelling requirements			
Goods should be packed by the piece			Pieces/PU
Packaging materials (e.g. PE bags) are provided by customer on delivery, new packaging is not included in the scope of delivery			
Other			
Quality agreements for coating			*required field
Customer-specified inspection characteristics	CoA required	PPAP/PPF (EMPB) required	
Documentation scope PPAP/PPF			

Part to be coated			
Material			
Steel (alloy/designation)			
Stainless steel			
Plastic/elastomer (type e.g. PA, NBR)			
Other			
Surface condition			
Bare/untreated			
Pretreated			
Roughness	Ra	Rz	Rt
What has to be considered related to the component/its application?			
Sand blasting allowed	yes	no	
Phosphatizing allowed	yes	no	
Avoid temperatures	above	°C	
Other			

Information on the part's function and application area

Which conditions is the component/system exposed to?

Surface pressure
 Ambient medium (e.g. water, oil)
 Form of movement (e.g. sliding)
 Operating temperature from °C to °C
 Other

Information on the counterpart (not to be coated)

Material

Steel (alloy/type)
 Stainless steel
 Plastic/elastomer (type e.g. PA, NBR)
 Other

Surface condition

Bare/untreated Pretreated
 Roughness Ra Rz Rt

Basic requirements on the coating and its function

Customer-specific coating (incl. pretreatment)
 Coating water-based solvent-based no specification
 Partial coating required (please indicate area on the drawing)
 Complete coating
 Color specification
 Assembly aid one-time multiple-times
 Lifetime lubrication
 Running-in lubrication
 Friction coefficient as low as possible defined target value $\mu =$
 Improvement of wear behavior
 Sliding distance mm
 Load cycles cycle number
 Corrosion protection h Standard
 other requirements

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