GALOL S. A.

TECHNICAL APPLICATIONS

MASKING AND LUBRICATION

Description

Masking of internal and external fastener thread offers an industrial to issues of protection of threaded fasteneres installed close to welded elements

Thread is protected from Weld spatter without the need of use of plastic plugs
It is a process approved by the automotive industry.

The use of PTFE material and the use of a propietary brinder makes **ND LM1293®** the ideal coating for several applications

ND LM-1293®

Type of parts treated with LM-1293®

Application technology

- Barrel
- Rack
- Spray

General properties

- Good lubrication to reduce friction in the assembly overheating and galling in part with long threads. It guarantees a good distribution f the clamping force.
- It avoids the adhesión of substances like electroplated undercoats, wild spatter and other materials that can be adhered to the parts and impair their function
- Low heat process
- It speeds assembly cadence
- It eliminates the need of using protective plugs on female threads
- Excellent resistance to organic solvents
- High temperature resistance, resistance to ecoatings(e.g. GM0676M).
- It improves antifriction properties

Material	PTFE
Colour	Greenish blue. Other colours upon request
Service temperature	-50 ºC up to 210 ºC
Solvent resistance (ASTM D5402-93)	150 double MEK rubs
K-Value (ASTM D5648-01)	0,14 (Typical value) K= Torque/F*d
Solid content (ASTM D2369-021)	50 %

Protection against tweld spatters

Standards and specs

- Chrysler: *PS-8542*
- FORD: *WSS-M21P27-A3*
- GM: *GM 6076M*

Uses

It is especially recommended for parts produced in high volumes, for instance, bolts and nuts

- Internal and external protections
- Ferrous and non-ferrous alloys
- Weld nuts, Weld studs, springs, stamped parts, pins, caged nuts, stainless steel parts compressors, faseteners with long thread and construction parts

THIS TREATMENT IS APPLIED DIRECTLY IN LINE OR IN COMBINATION WITH PREVIOUS AND SUBSEQUENT APPLICATIONS.
GALOL S.A. offers the possibility to reduce logistic costs between the different operations of manufacturing of the part.

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