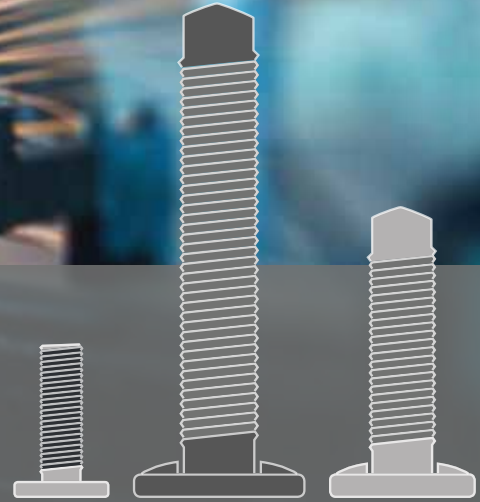




o m n i M A S K[®]

THREAD PROTECTION / MASKING



omniMASK[®] THREAD PROTECTION / MASKING

omniMASK[®] is a FEP fluoropolymer precoating and prevents weld spatter, ecoated paints, primers or coatings from adhering to the threads.

omniMASK[®] is a non-conductive powder thread coating that can be applied to nearly any fastener to add lubricity and reduce torque versus tension scatter.

APPLICATION

omniMASK[®] acts as a protection against adhesions on coated surfaces.

The mode of action extends to the protection against the adhesion of welding spatter / weld beads as well as against buildup during the ecoating (KTL) process

Due to its friction-reducing properties, **omniMASK[®]** can also or additionally be used to optimize friction coefficients.

CHARACTERISTICS

- Eliminates masking, plugging or capping of threads
- Protects against adhesions during ecoating processes
- Optimizes friction coefficients
- Improves lubricity and reduces installation drive friction
- **omniMASK®** remains on the coated surface
- Suitable for external and internal threads¹⁾
- Can be used on Zinc / Zinc-nickel surfaces
- Guarantees good electrical grounding
- Reduces manufacturing cost by increasing productivity
- Meets automotive specifications:
 - VW** TL188 (released)
 - GM** GMW 15822 (released)
 - Ford** WSS-A21P27-A3 (released)
 - BMW** released
 - Daimler** MBN 10391/ MBN 10392
 - Fiat** 9.57455
 - FCA** PS 50015

1) Female thread currently not available

TECHNICAL SPECIFICATIONS

PRODUCT COLOUR	white / orange (orange on request)	
MATERIAL	FEP powder Fluoropolymer (Teflon®)	
MELTING TEMPERATURE	+260°C	
FRICITION COEFFICIENT	0,09 – 0,15	
DIMENSION RANGE	M6 – M14 (further dimensions on request)	

ADDITIONAL INFORMATION

Temperature application, resistance and masking properties are provided by pattern coatings.

After coating with **omniMASK®** the threading is checked with a standard screw nut.

Storage life of the coating: 4 years at room temperature

Processing: Delivery of parts blank / oiled, return delivery blank or with short-term corrosion protection.

omniMASK® can be applied to finished surfaces. The preheating of the threaded parts in order to melt the powder may impair the surface. The corrosion protection effect of the various surface coatings could be changed under certain circumstances. The occurrence of such effects has to be checked by the user before placing the order.

For commercial details see www.galfa.de/s/Galfa_AGBs_20180119.pdf