

PEM® Thread Mask

PEM® thread mask is available for applications where the hardware is installed prior to painting. During assembly, the threads of the mating hardware will remove paint, electrodeposited automotive under coatings, and weld spatter upon application of torque.

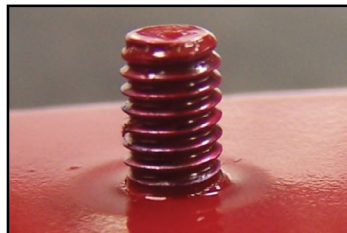
Use of such specially coated fasteners eliminates the usual need to mask threads manually prior to application of electrodeposited paints or primers. As a result, value-added production benefits and economies can be realized, since masking materials (such as tape, plugs, or plastic caps) and time-consuming masking-related tasks before and after paint operations become unnecessary.

Due to the lubricity, coated fasteners can further prove ideal where galling may be a concern, such as those applications where a stainless-steel nut must mate with a stainless screw.

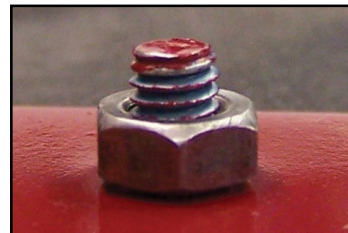
All types of threaded fasteners can be treated with this optional coating, including externally and internally threaded types in sizes #6-32 and above. The coating preserves the integrity of fastener threads and will not adversely affect fastener plating.



PEM® thread mask makes it easier to remove the paint when mating fastener is applied. It takes a nominal amount of torque to strip the paint off during assembly, and some paint may remain on the threads.



After painting



After mating hardware is installed

Service temperature range: -65°F to +400°F / -53.9°C to 204.4°C.

"BC" suffix will be added to part number to designate PEM® thread mask on a fastener.

A different coating color may be substituted depending on availability. Performance will not be affected.

All PEM® products meet our stringent quality standards. If you require additional industry or other specific quality certifications, special procedures and/or part numbers are required. Please contact your local sales office or representative for further information.

Regulatory compliance information is available in Technical Support section of our website. Specifications subject to change without notice. See our website for the most current version of this bulletin.

PennEngineering®



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