

Hubbard-Hall Products that meet Military Specifications

Cleaning/Phosphates: Ferrous Surfaces and pre-treatment for organic coatings: TT-C-490E

Type II	Mi-Phos™ 26 (/product_bulletin/mi-phos-26/) Hubfos 150 (https://www.hubbardhall.com/product_bulletin/hubfos-150/)
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Type V	Mi-Phos™ Z-10 (/product_bulletin/mi-phos-z-10-2/)
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Black oxide coatings for ferrous metals: MIL-DTL-13924E

Class I	Black-Magic™ Infusion (https://www.hubbardhall.com/product_bulletin/black-magic-infusion-2/)
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Class IV	Black-Magic™ SS L (https://www.hubbardhall.com/product_bulletin/black-magic-ss-1/)
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Chemical black finish for copper alloys: MIL-F-495D

MIL-F-495D	Black-Magic™ CBL (https://www.hubbardhall.com/product_bulletin/black-magic-cbl/)
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Phosphate Coatings: Heavy, Manganese or Zinc Based: MIL-DTL-16232G

Type Z	Mi-Phos™ Z-2 (https://www.hubbardhall.com/product_bulletin/mi-phos-z-2/)
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Type M	Mi-Phos™ M-5 (https://www.hubbardhall.com/product_bulletin/mi-phos-m-5/)
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Rust Preventatives: Corrosion Prevention Compound, Solvent Cutback, Cold-Application: MIL-PRF 16173E

MIL-PRF 16173E	Metal Guard® 100, 400 and 500 series
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Chemical Conversion Coatings: Aluminum Alloys

MIL-C-5541E Class 3	Hallcoat A 1 (/product_bulletin/hallcoat-a-1/)
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Heat Treating Salts: MIL-S-10699B

Class I	Quick Cure 275 (/product_bulletin/quick-cure-275/)
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Class II	Quick Cure 420 (/product_bulletin/quick-cure-420/)
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Class V	Neutral Salt B (/product_bulletin/neutral-salt-b/)
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Class VIII	Neutral Salt HH (/product_bulletin/neutral-salt-hh/)
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