

VR-514T & VR-554T AEROSOL AIR DRY PHENOLICS

DEFINING PERFORMANCE IN EVERY ENVIRONMENT.

Since 1935 Heresite Protective Coatings has been an innovator in the development of high-performance specialty coatings. In 1964, Heresite was the first company to develop and apply direct-to-metal thin film coatings to aluminum-finned, copper-tubed heat exchangers for the HVAC/R industry. These unique coatings increase equipment performance and service life while having less than 1% heat transfer loss. Heresite still remains the performance leader in protective coatings for air conditioning and refrigeration systems that operate in moderate to severely corrosive environments. These coatings provide protection in coastal and/or industrial applications throughout the world.

VR-514T AND VR-554T AIR DRY PHENOLICS

- VR-514T is for touch-up of VR-514 / VR-514W red brown
- VR-554T is for touch-up of P-413 brown
- For those small touch-up jobs such as Solder and Brazed Joints, Fin Tube Coil touch-up, Fans, Duct Work, Copper Tubing, and other maintenance projects. Perfect for service personnel performing field work.
- Protects against fumes from Salt Air Environments, Dilute Acids, Dilute Alkalies, Solvents, and more.
- Good adhesion to ferrous and non-ferrous metals without complex pretreatment or primers.
- Excellent durability with good adhesion and film building characteristics.
- Excellent drying qualities in humid environments.
- 1-year shelf life.
- Contains no fluorocarbon.

Effective 05/16/24

VR-514T AND VR-554T SPECIFICATIONS

Temperature limitation: Accepts dry heat temperatures up to 200°F (94°C)

Colors:



VR-554T
Brown



VR-514T
Red Brown

Coverage: Theoretical coverage for spray cans 27 square feet per spray can at 1 mil. For heat transfer surfaces 2 mils recommended. For all other applications 4–6 mils recommended in 2 to 3 coats.

Storage conditions: Shelf life: 1 year @ 70°F (21°C). Storage above 80°F (27°C) may shorten shelf life



VR-514T / VR-554T APPLICATION INSTRUCTIONS

Coverage is approximately 20 square feet per can at 1 mil dft.

1) Cleaning

- a) Surfaces are to be clean, dry and oil free. Remove all grease, scale or other contaminants.
- b) Clean with foaming coil cleaners or aluminum alkaline cleaners. Elevated temperature washing solution preferred. Always use low-pressure water/cleaning solution application to avoid fin distortion/damage.
- c) Cleaning can also be done with solvent cleaners that break down oil and grease residuals.
- d) Rinse/flush well with clean water and allow to thoroughly dry.

2) Application: Spraying Coils

- a) Coils should be coated on both sides of fins (outside in and inside out), holding spray can approximately 6" to 8" from coil surface.
- b) Moving spray can slowly - each coat consists of 3 spray passes: (1) straight into fins; (2) on 70 degree angle to right; (3) on 70 degree angle to left - on both sides of coil. These 3 spray passes are considered ONE coat - make sure you allow some dry time between passes to avoid runs/sags.
- c) Curing/Drying - coils should be dry to touch within 5 hours of second application - warmer temperatures will enhance dry, high humidity and cooler temperatures will lengthen the dry time.

CAUTION: CONTAINS FLAMMABLE SOLVENTS. KEEP AWAY FROM SPARKS AND OPEN FLAMES. IN CONFINED AREAS WORKERS MUST WEAR FRESH AIR LINE RESPIRATORS. PERSONS SHOULD WEAR GLOVES OR USE PROTECTIVE CREAM. ALL ELECTRICAL EQUIPMENT AND INSTALLATIONS SHOULD BE MADE AND GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. IN AREAS WHERE EXPLOSION HAZARDS EXIST, WORKMERS SHOULD BE REQUIRED TO USE NONFERROUS TOOLS AND TO WEAR CONDUCTIVE AND NONSPARKING SHOES.

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