

TECHNICAL DATA SHEET

DUBL-CHEK DR-60

Cleaner / Remover

Code 1487

DESCRIPTION

DUBL-CHEK DR-60 Cleaner / Remover can be used in the penetrant process to remove excess penetrant from part surfaces. In the penetrant process it is a manual wipe on and wipe off material and is recommended for small areas. DR-60 may also be used for generally cleaning oily, dirty surfaces. DR-60 is especially suitable for cleaning prior to the application of inspection penetrants. Complies with low sulfur and low halogen requirements.

FEATURES & BENEFITS

- Can be used as a pre-cleaner for penetrant inspection evaporates completely and rapidly
- Relatively volatile
- Non miscible in water
- Non chlorinated material
- Aerosols offer convenience and portability

PHYSICAL PROPERTIES

Colour:	Colourless Liquid
Volatility:	100%
Odour:	low petroleum smell
Boiling Point:	160°C
Specific Gravity:	0.77

SPECIFICATION COMPLIANCE

- SAE AMS 2644
- QPL-AMS-2644 listing
- MIL-I-25135 Revisions C, D & E
- ASME Code NDT, Sec V

ORDERING INFORMATION

Product Code	Packaging
1487/400	400ml (Aerosol)
1487/42	3.8 litres (1 gallon)
1487/51	18.9 liters (5 gallons)
1487/64	208 liters (55 gallons)



BATCH NUMBERS

Batch numbers can be found on the bottom of aerosol cans or labels of bulk containers. Certificate of Conformance documents are provided with the product or can be download from

www.callington.com

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DIRECTIONS

Note: These instructions describe the basic process, but they may need to be amended by the user to comply with applicable specifications and/or inspection criteria provided by the contracting agency.

Penetrant Process

1. **Application:** Apply penetrant only to clean, dry surfaces by spraying, flowing, brushing or dipping.
2. **Dwell Time:** After application, allow the penetrant to drain from the part surface back into the penetrant tank to conserve material.
3. **Removal:** Remove as much excess penetrant as possible using clean, dry rag or towelling. Remove remaining penetrant film by wiping with a lint free rag or towelling that has been slightly moistened with DR-60. Use a minimal of DR-60; avoid flushing penetrant from flaws
4. **Drying:** Allow the surface to dry completely before applying developer.
5. **Developing:** Apply the developer by cloud, dusting, spray or dip using the appropriate developer. Flaw marks are visible under appropriate lighting almost immediately but allow sufficient developing time to enhance the flaw visibility.
6. **Inspection:** Inspect parts under appropriate light.

STORAGE/SHELF LIFE

- Keep away from moisture and sunlight.
- Keep the container closed when not in use.
- Temperature limit: 4°C to 50°C (40°F-125°F)
- Shelf life: 36 months (3 years) from date of manufacture.
- Refer to NDT Shelf Life and Storage Recommendations for further information

HEALTH & SAFETY

DUBL-CHEK DR-60 is flammable and when packaged within an aerosol is extremely flammable. Use with adequate ventilation and away from spark, fire or open flames. Avoid prolonged or repeated contact with skin. Do not breathe gas, fumes, vapour or spray. Consult the MSDS for more Safety and Health information.

Get medical attention if irritation develops and persists. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

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