



DUBL-CHEK HM-406

Level 2 Medium Sensitivity Fluorescent Penetrant

- · Low to near zero background for assured indication visibility
- · Sharp, precise flaw indication for rapid interpretation
- Excellent electrostatic spray capability
- \cdot Long material tank life due to formula stability and non-volatility
- · Low material consumption (low drag out) due to low viscosity
- · Water washable clean, odourless product, vapor free atmosphere

Specification Compliance		Item Code	Packaging
 SAE AMS 2644 & QPL - Type 1 Method A, Level 2 MIL-I-25135 Revisions C, D, & E SME Code NDT, Sec V MTU Boeing Rolls Royce Pratt & Whitney FPM 	 Lockheed Martin Northrop Grumman Honeywell Turbomeca Airbus General Electric 	1497/42 1497/51 1497/64	3.8L (1Gal) 18.9L (5 Gal) 208L (55 Gal)

DUBL-CHEK HM-604

Level 3 High Sensitivity Fluorescent Penetrant

- · Low to near zero background for assured indication visibility
- · Sharp, precise flaw indication for rapid interpretation
- · Excellent electrostatic spray capability
- · Long material tank life due to formula stability and non-volatility
- · Low material consumption (low drag out) due to low viscosity
- · Surfactant base bio-degradable penetrant

Specification Compliance	Item Code	Packaging
· SAE AMS 2644 · QPL MIL-I-25135 · ASME Code NDT, Sec V	1496/400 1496/42 1496/51 1496/64	Aerosol 3.8L (1Gal) 18.9L (5 Gal) 208L (55 Gal)

DUBL-CHEK WB-200

Level 2 Medium Sensitivity Fluorescent Penetrant

- $\boldsymbol{\cdot}$ Low to near zero background for assured indication visibility
- $\boldsymbol{\cdot}$ Sharp, precise flaw indication for rapid interpretation
- \cdot Excellent electrostatic spray capability
- $\boldsymbol{\cdot}$ Long material tank life due to formula stability and non-volatility
- $\boldsymbol{\cdot}$ Low material consumption (low drag out) due to low viscosity
- $\boldsymbol{\cdot}$ Water washable clean, odourless product, vapor free atmosphere
- · Water base bio-degradable penetrant

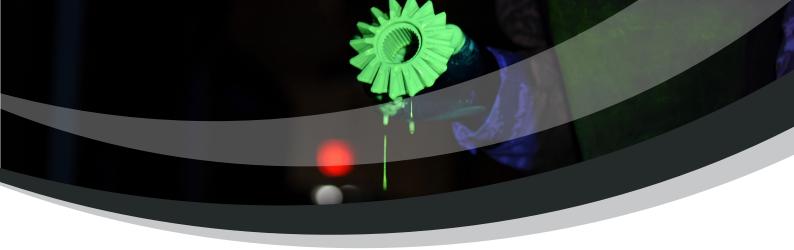
Specification Compliance		Item Code	Packaging
 SAE AMS 2644 QPL – Type 1, Method A, Level 2 Lockheed Martin Northrop Grumman Rolls Royce 	BoeingHoneywellTurbomecaAirbusGeneral Electric	1542/51 1542/64	18.9L (5 Gal) 208L (55 Gal)

DUBL-CHEK RC-50

Level 2 Medium Sensitivity Emulsifiable Fluorescent Penetrant

- · Low to near zero background for assured indication visibility
- $\boldsymbol{\cdot}$ Sharp, precise flaw indication for rapid interpretation
- · Excellent electrostatic spray capability
- $\boldsymbol{\cdot}$ Long material tank life due to formula stability and non-volatility
- · Low material consumption (low drag out) due to low viscosity
- · Clean odourless product, vapor free atmosphere

Specification Compliance		Item Code	Packaging
SAE AMS 2644 & QPL – Type 1, Method B & D, Level 2 MIL-I-25135 Revisions C, D, & E ASME Code NDT, Sec V Lockheed Martin Rolls Royce	 General Electric Pratt & Whitney FPM Boeing Honeywell Airbus Northrop Grumman MTU 	1507/42 1507/64	3.8L (1Gal) 18.9L (5 Gal)



DUBL-CHEK RC-65

Level 3 High Sensitivity Emulsifiable Fluorescent Penetrant

- · Low to near zero background for assured indication visibility
- · Sharp, precise flaw indication for rapid interpretation
- Excellent electrostatic spray capability
- \cdot Long material tank life due to formula stability and non-volatility
- · Low material consumption (low drag out) due to low viscosity
- · Clean, odourless product, vapor free atmosphere

Specification Compliance		Item Code	Packaging
SAE AMS 2644 & QPL - Type 1, Method B & D, Level 3 MIL-I-25135 Revisions C, D & E ASME Code NDT, Sec V Lockheed Martin Rolls Royce Turbomeca	 General Electric MTU Boeing Honeywell Airbus Northrop Grumman Pratt & Whitney FPM 	1494/400 1494/42 1494/51 1494/64	Aerosol 3.8L (1Gal) 18.9L (5 Gal) 208L (55 Gal)

DUBL-CHEK RC-77

Level 4 Ultra-High Sensitivity Emulsifiable Fluorescent Penetrant

- · Low to near zero background for assured indication visibility
- · Sharp, precise flaw indication for rapid interpretation
- Excellent electrostatic spray capability
- · Long material tank life due to formula stability and non-volatility
- · Low material consumption (low drag out) due to low viscosity
- · Clean, odourless product, vapor free atmosphere

Specification Compliance		Item Code	Packaging
SAE AMS 2644 QPL - Type 1 Method B & D, Level 1 MIL-I-25135 Revisions C, D, & E ASME Code NDT Sec V Lockheed Martin MTU Northrop Grumman	 Pratt & Whitney FPM Boeing Rolls Royce Honeywell Turbomeca Airbus General Electric 	1495/400 1495/42 1495/51 1495/64	Aerosol 3.8L (1Gal) 18.9L (5 Gal) 208L (55 Gal)

✓ VISIBLE DYE PENETRANTS.....

DUBL-CHEK DP-50

Water Washable Solvent Removable Penetrant

- Brings flaws into sharper, clearer focus with more intense colour
- Performs more reliably over a greater range of temperatures
- \bullet DP-50 meets stringent low sulfur and chloride requirements
- · Long lasting flaw mark indications; less fading
- Water washable; easy to remove

Specification Compliance	Item Code	Packaging
 SAE AMS 2644 QPL-AMS-2644 Listing MIL-I-25135 Revisions C, D, E ASME Code NDT, Sec V AS 2062 	1492/400 1492/42 1492/51 1492/64	Aerosol 3.8L (1Gal) 18.9L (5 Gal) 208L (55 Gal)

DUBL-CHEK DP-40

Solvent Removable Visible Penetrant

- \cdot Brings flaws into sharper, clearer focus with more intense colour
- Performs more reliably over a greater range of temperatures
- $\boldsymbol{\cdot}$ DP-40 meets stringent low sulfur and chloride requirements
- · Long lasting flaw mark indications; less fading

Specification Compliance	Item Code	Packaging
 SAE AMS 2644 QPL AMS 2644 Listing MIL-I-25135 Revisions C, D & E ASME Code NDT, Sec V AS 2062 	1486/400 1486/42 1486/51 1486/64	Aerosol 3.8L (1Gal) 18.9L (5 Gal) 208L (55 Gal)

✓ DEVELOPERS......

DUBL-CHEK D-100

Non-Aqueous Alcohol Developer

- · Lays on the surface in a thinner, more uniform, more absorbent coating
- · Has superior suspension properties
- \cdot It is easily removed by light brushing or spray water rinse
- · Works well on smooth or rough surfaces

Specification Compliance	Item Code	Packaging
 SAE AMS 2644 QPL-AMS-2644 listing MIL-I-25135 Revisions C, D & E ASME Code NDT, Sec V 	1488/400 1488/42 1488/51	Aerosol 3.8L (1Gal) 18.9L (5 Gal)

DUBL-CHEK D-106

Non-Aqueous Acetone Developer

- \cdot D-106 lays on the surface in a thinner, more uniform, more absorbent coating
- \cdot Superior suspension properties. Long lasting flaw mark indications; less fading
- $\boldsymbol{\cdot}$ It is easily removed by light brushing or spray water rinse
- $\boldsymbol{\cdot}$ Works well on smooth or rough surfaces
- · Can be used on machined or coated surfaces
- $\boldsymbol{\cdot}$ Able to be used with both visible and fluorescent penetrants
- $\cdot \ \mathsf{Evaporates} \ \mathsf{very} \ \mathsf{rapidly}$

Specification Compliance		Item Code	Packaging
 SAE AMS 2644 QPL - Form D & E MIL-I-25135 Revisions E Lockheed Martin Boeing Honeywell Pratt & Whitney FPM 	 General Electric ASME Code NDT, Sec V MTU Rolls Royce Turbomeca Airbus 	1529/400 1529/42 1529/51 1529/64	Aerosol 3.8L (1Gal) 18.9L (5 Gal) 208L (55 Gal)

DUBL-CHEK D-90G

Dry Powder Developer

- $\boldsymbol{\cdot}$ Draws penetrant to the surface to clearly define a flaw's location
- $\boldsymbol{\cdot}$ Amplifies an indication's fluorescent brilliance
- · Provides a thin coating over a part's surface to accelerate delayed flaw-entrapped penetrant re-bleed

Specification Compliance		Item Code	Packaging
SAE AMS 2644 QPL – Form D & E MIL-I-25135 Revisions E Lockheed Martin Boeing Honeywell Pratt & Whitney FPM	 General Electric Northrup Grumman ASME Code NDT, Sec V MTU Rolls Royce Turbomeca Airbus 	1499/25 1499/51	500g 2.25L



CLEANERS & REMOVERS.....

DUBL-CHEK DR-60

Class 2 Hydrocarbon Based Cleaner / Remover

- \cdot Can be used as a pre-cleaner for penetrant inspection
- · Evaporates completely and rapidly
- · Non miscible in water
- · Non chlorinated material
- · Aerosols offer convenience and portability

Specification Compliance	Item Code	Packaging
 SAE AMS 2644 QPL-AMS-2644 listing MIL-I-25135 Revisions C, D & E ASME Code NDT, Sec V 	1487/400 1487/42 1487/51 1487/64	Aerosol 3.8L (1Gal) 18.9L (5 Gal) 208L (55 Gal)

DUBL-CHEK DR-64

Class 2 Hydrocarbon Based Cleaner / Remover

- Every aerosol contains a direct spray tube for easy removal of white contrast paint
- · Can be used as a pre-cleaner for penetrant inspection evaporates completely and rapidly
- · Aerosols offer convenience and portability
- \cdot Can be used in the penetrant and magnetic particle inspection process

Specification Compliance	Item Code	Packaging
 SAE AMS 2644 QPL-AMS-2644 listing MIL-I-25135 Revisions C, D & E ASME Code NDT, Sec V 	1505/400 1505/42 1505/51 1505/64	Aerosol 3.8L (1Gal) 18.9L (5 Gal) 208L (55 Gal)

DUBL-CHEK ER-83A

Method D Hydrophilic Emulsifier

- $\boldsymbol{\cdot}$ Low to near zero background for assured indication visibility
- · Clean, odorless product, vapor free atmosphere
- · Minimises the risk of over emulsification
- · Large useable concentration range

Specification Compliance		Item Code	Packaging
AE AMS 2644 & QPL - Method D Remover MIL-I-25135 Revisions C, D & E ASME Code NDT, Sec V Lockheed Martin Boeing Honeywell Pratt & Whitney FPM	General ElectricMTURolling RoyceTurbomecaAirbusNorthrup Grumman	1493/42 1493/51 1493/64	3.8L (1Gal) 18.9L (5 Gal) 208L (55 Gal)

DUBL-CHEK ER-85

Method B Lipophilic Emulsifier

- · Low to near zero background for assured indication visibility
- · Long material tank life due to formula stability and non-volatility
- · Minimizes the risk of over emulsification
- \cdot Clean, odorless product, vapor free atmosphere

Specification Compliance		Item Code	Packaging
SAE AMS 2644 QPL – Method D Remover MIL-I-25135 Revisions C, D & E Lockheed Martin Rolls Royce Turbomeca Airbus	General Electric ASME Code NDT, Sec V Boeing Honeywell Northrup Grumman	1535/42 1535/51 1535/64	3.8L (1Gal) 18.9L (5 Gal) 208L (55 Gal)

HI-TEMP PENETRANT SYSTEM.....

HI-TEMP KO-17

Method A & C High Temperature Penetrant

- Used to find surface discontinuities at elevated temperatures
- Meets the ASME code qualification procedure compliance
- $\boldsymbol{\cdot}$ Meets the requirements for low sulfur and halogen
- · Requires less dwell time
- Biodegradable

Specification Compliance	Item Code	Packaging
· SAE AMS 2644 · QPL MIL-I-25135 · ASME Code NDT, Sec V	1500/400	Aerosol

HI-TEMP KO-19

Class 2 High Temperature Penetrant Remover

- Used to remove excess penetrant from surfaces at elevated temperatures
- $\boldsymbol{\cdot}$ Meets the ASME code qualification procedure compliance
- Meets the requirements for low sulfur and halogen
- Non-flammable remover

Specification Compliance	Item Code	Packaging
· SAE AMS 2644 · QPL MIL-I-25135 · ASME Code NDT Sec. V	1502/400	Aerosol

HI-TEMP D-350

Form d & e High Temperature Penetrant

- $\boldsymbol{\cdot}$ Develop indications at elevated temperatures
- $\boldsymbol{\cdot}$ Meets the ASME code qualification procedure compliance
- $\boldsymbol{\cdot}$ Meets the requirements for low sulfur and halogen

Specification Compliance	Item Code	Packaging
• SAE AMS 2644 • QPL MIL-I-25135 • ASME Code NDT Sec. V	1501/400	Aerosol



MAGNETIC PARTICLES.....

DUBL-CHEK GLO-NETIC

GW -1 Fluorescent Oxide Magnetic Particle

- \cdot A 360° valve that enables an aerosol to be sprayed upside down
- \cdot Every aerosol contains a comfort nozzle for your pleasure
- \cdot Low background colour for assured indication visibility
- Particles are easily agitated, fast acting and produce defined indications
- · Aerosols offer convenience and improve reliability
- · Water dispersion is non-flammable

Specification Compliance		Item Code	Packaging
• MIL-STD-1949 • MIL-STD-271(SH) • NAVSEA 2501-1500-1 • ASTM E 709 • ASTM B & PV Code - Section V	AMS 3044AMS 3045AMS 3161AMS 2641DOD-F-87935	1530/400 1530/42 1530/51 1530/64	Aerosol 3.8L (1Gal) 18.9L (5 Gal) 208L (55 Gal)

DUBL-CHEK GLOWNETIC GW-1

Fluorescent Magnetic Oxide Particles

- Particles are easily agitated, fast acting and produce defined indications
- · Particles meet specification requirements
- · Can be used with both stationary and portable magnetic test equipment
- $\cdot \ \text{Water based suspension is non-flammable} \\$

Specification Compliance		Item Code	Packaging
• MIL-STD-1949 • AMS 3044 • MIL-STD-271	• NAVSEA 250-1500-1 • NTR-1E • ASTM E1444	1537/1LBS 1537/12LBS	450g 5.5kg (1.7 Gal)

DUBL-CHEK RED OXIDE NO.1

Red Dual Suspendable Magnetic Oxide Particles

- Particles are easily agitated, fast acting and produce defined indications
- · Particles meet specification requirements
- Can be used with both stationary and portable magnetic test equipment
- · Can be used at elevated temperatures
- Water based suspension is non-flammable

Specification Compliance		Item Code	Packaging
• T9074-AS-GIB-010/271 (MIL-STD-271 SH) • NAVSEA 250-1500-1 • ASTM E 709	• MIL-STD-1949 • NTR-1E • MIL-STD-2132 (SH)	1551/2LBS 1551/12LBS	1kg 5.5kg (1.7 Gal)

DUBL-CHEK RED OXIDE NO.8

Red Oxide Particles Premixed with Wetting Agent

- \cdot Particles are easily agitated, fast acting and produce
- · Defined indications
- · Can be mixed with water
- · Particles meet specification requirement
- Water based suspension is non-flammable

Specification Compliance		Item Code	Packaging
• T9074-AS-GIB-010/271 (MIL-STD-271 SH) • NAVSEA 250-1500-1 • ASTM E 709	• NTR-1E • MIL-STD-2132 (SH) • MIL-STD-1949	1552/2LBS 1552/30LBS	1kg 13.6kg

DUBL-CHEK RED UNDERWATER NO.1

Underwater Magnetic Oxide Particles

- $\boldsymbol{\cdot}$ Particles are easily agitated, fast acting and produce defined indications
- Wide range of sensitivity through its broad range of particle sizes High
- High probability of detection for fine non-visual discontinuities as well as enhancement of larger discontinuities

Item Code	Packaging
1554/2LBS	1kg
1554/25LBS	11.3kg

DUBL-CHEK MPF

Magnetic Particle Fluid

- · Has a flash point over 93°C
- · No odour, no fluorescence, and no yellow colour
- $\boldsymbol{\cdot}$ Low background for assured indication visibility

Specification Compliance	Item Code	Packaging
• SAE AMS 2641 • DOD F-87935	1491/42 1491/51	3.8L (1 Gal) 18.9L (5 Gal)
Pratt & WhitneyASME B & P Code Sections	1491/64	208L (55 Gal)

DUBL-CHEK W5-C

Water Conditioner for Magnetic Particle Water Dispersion

- · Contains corrosion inhibitors
- · Allows water to be used for magnetic particle inspection
- · Water based suspension is non-flammable

Specification Compliance	Item Code	Packaging
· SAE AMS 4792	1538/10LBS 1538/10kg	4.5kg (1.3 Gal) 10kg



DUBL-CHEK GW-8

Fluorescent Oxide Particles Premixed with Wetting Agent

- \cdot Particles are easily agitated, fast acting and produce defined indications
- Particles meet specification requirements
- $\boldsymbol{\cdot}$ Shelf life: 36 months (3 years) from date of manufacture
- Refer to NDT Shelf Life and Storage Recommendations for further information

Specification Compliance		Item Code	Packaging
• MIL-STD-1949 • AMS 3044 • MIL-STD-271	• NAVSEA 250-1500-1 • NTR-1E • ASTM E1444	1550/2LBS 1550/30LBS	1kg 13.6kg (3.5 Gal)

DUBL-CHEK CP-2

White Contrast Paint

- \cdot A unique 360° spray valve high contrast, fast drying and low odour
- Multiple spray patterns for controlled application and comfort
- \cdot Aerosols offer convenience and portability
- · More coverage for every application
- · Solvent removable

Specification Compliance		Item Code	Packaging
ASME Boiler and Pressure Vessel Code Section V ASTM E709	• ASTM E1444 • AS 1171	1504/400 1504/42 1504/51	Aerosol 3.8L (1Gal) 18.9L (5 Gal)

DUBL-CHEK B0-1

Visible Magnetic Particle

- A unique 360° spray valve
- Low background colour for high contrast indication visibility
- Multiple spray patterns for controlled application and comfort
- Particles are easily agitated, fast acting and produce defined indications
- Can be used with both stationary and portable magnetic test equipment
- · Aerosols offer convenience and improve reliability

Specification Compliance		Item Code	Packaging
 NAVSEA T9074-AS-GIB-010/271 ASTM E1444 ASME B&PV Sec V ASTM E709 ISO 9934-2 	• MIL-STD-271 • MILSTD-1949 • AMS 3041 • AMS 3043 • AMS 2641	1503/400 1503/42 1503/51	Aerosol 3.8L (1Gal) 18.9L (5 Gal)

DUBL-CHEK BLACK OXIDE NO.1

Visible Magnetic Particle

- $\boldsymbol{\cdot}$ Particles are easily agitated, fast acting and produce defined indications
- · Particles meet specification requirements
- · Can be used with both stationary and portable magnetic test equipment
- \cdot Can be used at elevated temperatures
- Water based suspension is non-flammable

Specification Compliance		Item Code	Packaging
• ASTM E1444 • MIL-STD-271 • NAVSEA 250-1500-1 • NTR-1E	• MIL-STD-1949 • AMS 3042 • AMS 2641	1546/2LBS 1546/30LBS	1kg 13.6L (3.5 Gal)

DUBL-CHEK BLUE POWDER NO.6

Blue Magnetic Dusting Powder

- $\boldsymbol{\cdot}$ Particles are easily agitated, fast acting and produce defined indications
- · Particles meet specification requirements
- · Can be used with both stationary and portable magnetic test equipment
- · Can be used at elevated temperatures
- \cdot The colour gives a clear contrast to backgrounds

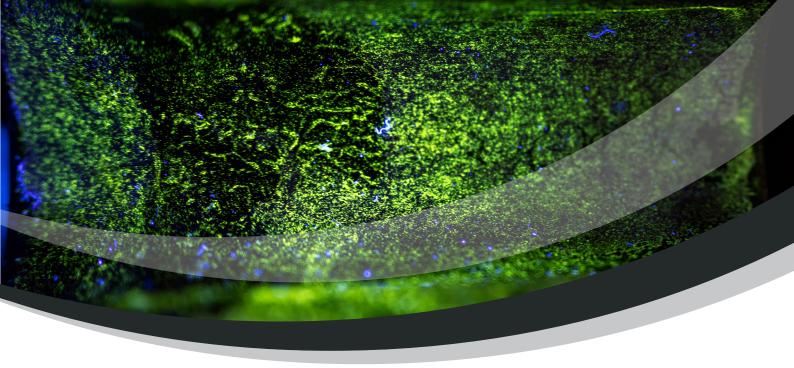
Specification Compliance		Item Code	Packaging
• ASTM-E1444 • AMS 3040 • MIL-STD-271	• NAVSEA 250-1500-1 • NTR-1E	1548/10LBS 1548/50LBS	4.5kg 22.7kg (5.9 Gal)

DUBL-CHEK GREY POWDER NO.6

Grey Magnetic Dry Dusting Powder

- Particles are easily agitated, fast acting and produce defined indications
- · Particles meet specification requirements
- $\boldsymbol{\cdot}$ Can be used with both stationary and portable magnetic test equipment
- · Can be used at elevated temperatures
- $\boldsymbol{\cdot}$ The grey colour gives a clear contrasting colour to backgrounds

Specification Compliance		Item Code	Packaging
• ASTM-E1444 • AMS 3040 • MIL-STD-271	• NAVSEA 250-1500-1 • NTR-1E	1545/450 1545/10LBS 1545/50LBS	450g 4.5kg 22.7kg (5.9 Gal)



DUBL-CHEK RED POWDER NO.6

Red Magnetic Dusting Powder

- $\boldsymbol{\cdot}$ Particles are easily agitated, fast acting and produce defined indications
- Particles meet specification requirements
- $\boldsymbol{\cdot}$ Can be used with both stationary and portable magnetic test equipment
- · Can be used at elevated temperatures
- The red colour gives a clear contrasting colour to backgrounds

Specification Compliance		Item Code	Packaging
• T9074-AS-GIB-010/271(MIL-STD-271SH) • SECTION V ARTICLE 7 & ARTICLE 25 • ASTM E709 • NTR-1E • MIL-STD-2132(SH) • MIL-STD-1949	• AMS 3040 • NAVSEA 250-1500-1 • ASTM E1444 • ASME SE-709 • ASME B&PV CODE • API RP 5A5	1536/350 1536/5KG 1536/50LBS	350g 5kg 22.5kg (5.9 Gal)

DUBL-CHEK YELLOW POWDER NO.6

Yellow Magnetic Dusting Powder

- \cdot Particles are easily agitated, fast acting and produce defined indications
- · Particles meet specification requirements
- $\boldsymbol{\cdot}$ Can be used with both stationary and portable magnetic test equipment
- · Can be used at elevated temperatures
- $\boldsymbol{\cdot}$ The yellow colour gives a clear contrasting colour to backgrounds

Specification Compliance		Item Code	Packaging
• ASTM E-1444 • AMS 3040 • MIL-STD-271	• NAVSEA 250-1500-1 • NTR-1E	1555/10LBS 1555/5kg 1555/50LBS	4.5kg 5kg 22.5kg (5.9 Gal)



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