



MET-L-CHEK®

WHO WE ARE

Met-L-Chek® is an approved manufacturer, qualification laboratory, and supplier of liquid penetrant inspection materials under SAE QPL AMS 2644. We also provide certified magnetic particle inspection materials and cleaners.

INDUSTRIES WE SERVE

- ▶ Aerospace
- ▶ Weld Inspection
- ▶ Marine & Shipping
- ▶ Automotive
- ▶ Energy Sector

SERVICES WE OFFER

- ▶ Pen-Chek® by Met-L-Chek® offers inspection material testing.
- ▶ Certified Level 3 staff members to support you and your team.
- ▶ Met-L-Chek® offers direct sales and a global network of distributors.



WHAT WE DO



FLUORESCENT
PENETRANT INSPECTION



CLEANERS
& REMOVERS



MAGNETIC
PARTICLE INSPECTION



VISIBLE PENETRANT
INSPECTION



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VISIBLE PENETRANTS

Name	Aerosol	Penetrant Type
Met-L-Chek® VP-30	✓	Water washable visible penetrant.
Met-L-Chek® VP-31A	✓	Post emulsifiable visible penetrant.

FLUORESCENT PENETRANTS - WATER WASHABLE - BIODEGRADABLE (METHODS A & C)

Name	Aerosol	Sensitivity	AMS 2644 OPL
Met-L-Chek® FBP-911		1	✓
Met-L-Chek® FBP-912		2	✓
Met-L-Chek® FBP-913		3	✓
Met-L-Chek® FBP-914		4	✓

FLUORESCENT PENETRANTS - WATER WASHABLE (METHODS A & C)

Name	Aerosol	Sensitivity	AMS 2644 OPL
Met-L-Chek® FP-921		1	✓
Met-L-Chek® FP-922		2	✓
Met-L-Chek® FP-923	✓	3	✓

FLUORESCENT PENETRANTS - POST EMULSIFIABLE (METHODS B, C & D)

Name	Aerosol	Sensitivity	AMS 2644 OPL
Met-L-Chek® FP-93A(M)		2	✓
Met-L-Chek® FP-95A(M)	✓	3	✓
Met-L-Chek® FP-97A(M)		4	✓

EMULSIFIERS

Name	Aerosol	Method	Type	AMS 2644 OPL
Met-L-Chek® E-50		B - Lipophilic	2	✓
Met-L-Chek® E-57		B - Lipophilic	1	✓
Met-L-Chek® E-58D		D - Hydrophilic	1	✓

DEVELOPERS

Name	Aerosol	Method	Form	AMS 2644 OPL
Met-L-Chek® D-70 - Non-Aqueous	✓	A, B, C & D	d & c	✓
Met-L-Chek® D-72A - Dry Powder		A, B, C & D	a	✓
Met-L-Chek® D-76B - Water Soluble		B, C & D	b	✓
Met-L-Chek® D-78B - Water Suspendable		A, B, C & D	c	✓

CLEANERS & REMOVERS

Name	Aerosol	Method	Form	AMS 2644 OPL
Met-L-Chek® E-59 - Remover Only	✓	C	2	✓
Met-L-Chek® E-59A - Moderate Dry	✓	C	2	✓
Met-L-Chek® R-503 - Quick Dry	✓		2	✓
Met-L-Chek® R-504 - Rapid Dry	✓		2	✓
Met-L-Chek® MLC 300LF (Aqueous Alkaline)		N/A	N/A	

MAGNETIC PARTICLE INSPECTION MATERIALS

Name	Aerosol	Description
Met-L-Chek® MPI-Fluid C-2		Petroleum based magnetic particle bath vehicle for high sensitivity particle suspension.
Met-L-Chek® MPI 1400B	✓	Ready-to-use fluorescent magnetic particle bath. Available in aerosol and bulk.
Met-L-Chek® MPI 1400		Fluorescent magnetic particle powder designed for high sensitivity inspection.
Met-L-Chek® MPI 86		Magnetic particle powder for visible dry method inspection. Multiple color options.
Met-L-Chek® WCP 81	✓	Specially formulated, fast drying white contrast paint.
Met-L-Chek® MPI 80	✓	Premixed, ready-to-use, visible black magnetic particle bath.