



<h1 style="margin: 0;">MEGA CHECK Developer</h1> <p style="margin-top: 20px;">Aerosol 450ml/can, 20cans/Box</p>	
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Classification : Type 2, Form E

Liquid penetrant classification per AMS 2644

Penetrant Types: ▶ Type 1 – fluorescent dye ▶ Type 2 – visible dye	Penetrant Sensitivity Levels: Sensitivity level(fluorescent only) ▶ ½–ultra low ▶ 1–low ▶ 2–medium ▶ 3–high ▶ 4–ultra high	Penetrant Methods: ▶ Method A–water washable ▶ Method B–post emulsifiable, lipophilic ▶ Method C–solvent removable ▶ Method D–post emulsifiable, hydrophilic	Developer Forms: ▶ Form A–dry powder ▶ Form B–water soluble ▶ Form C–water suspendible ▶ Form D–nonaqueous Type 1 fluorescent(solvent based) ▶ Form E–nonaqueous Type 2 visible dye(solvent based)
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Features

MEGA CHECK develop liquid absorbs the red penetrant liquid that is penetrated in minute defective area into the surface of white developer. The position and shape of defective area can be seen with naked eyes by this developer. Its absorption power caused by capillary phenomenon is excellent.

Properties

Division	Unit	Properties
Color	–	White
Density	g/ml	0.82
Temperature limit	°C	40(Max)
Spray pressure(25°C)	kg/cm ²	5.0

Uses

It can be used for nonferrous materials like porcelain, glass, synthetic resin as well as metal, iron, nonferrous metal, magnetic substance and nonmagnetic substance.

Casting parts ----- pin hole, scalding flaw, shrinkage flaw. Forging parts ----- forging flaw.



Weld ----- crack, failed joining.

Metal materials -- grinding flaw, heat flaw, cutting tool crack. Leakage check -- tank, boiler, pipe etc.

How to use

Shake the Can very well before using.

Spray it evenly within the distance of 20~30cm.

※ For more detailed instructions, please refer to MEGA Check Set instruction manual.



Development/ Development Time

Normally it takes about 2~5 minutes.

Suitable temperature for the part that needs to be tested is 10℃~40℃

Standard Temperature

Use it at the temperature within the range of 4℃~50℃.

Related Specification

AMS-2644, AECL, ASME B&PV Code, Sec. V, ASTM E1417, MIL-STD 2132, ASTM E165, MIL-STD 271

Cautions

Do not spray directly onto the face or food. Do not inhale or intake.

Keep it out of the reach of children.

As this is an inflammable product using high pressure gas, keep the following cautions carefully.

1. Do not spray directly toward open flame.
2. Do not use it near any heat sources such as radiators, heat registers, stoves, or other apparatus(including amplifiers) that produce heat.
3. Do not use it in an environment where there are explosive or inflammable materials.
4. Store the product in places where the temperature does not exceed 40℃.
5. After used in enclosed areas, be sure to ventilate.
6. Do not throw into a fire.
7. After use, throw it away after checking and removal the remaining gas in the container.
8. Do not store it in enclosed area.
9. Below 5℃, injection power may be poor.





※ This information can be amended without any notice according to new knowledge and test result. If there are any questions, please contact us or the store where you purchased it.

