

Magnaflux manufactures a complete line of Liquid Penetrant Inspections solutions: materials, equipment, black lights, kits and accessories. This nondestructive inspection method reveals cracks and other surface discontinuities in virtually any non-porous material.

## POST EMULSIFIABLE FLUORESCENT PENETRANTS

ZYGLO®

### Level 2 Sensitivity - ZL-2C ZYGLO PENETRANT

- Normal sensitivity, high performance post emulsifiable penetrant
- Approved to AMS2644 Level 2 and PWA
- 056C079 - 25Lt
- 026C080 - 200Lt
- [MSDS](#)
- [PDS](#)

### Level 3 Sensitivity - ZL-27A ZYGLO PENETRANT

- High sensitivity, high performance post emulsifiable penetrant
- Approved to AMS2644 Level 3 and PWA
- 066C017 - 25Lt
- 066C016 - 200Lt
- 008A002 - 10 x 400ml Aerosol
- [MSDS - Bulk](#)
- [MSDS - Aerosol](#)
- [PDS](#)

### Level 4 Sensitivity - ZL-37 ZYGLO PENETRANT

- Ultra-high sensitivity, high performance post emulsifiable penetrant
- Approved to AMS2644 Level 4 and PWA
- For use in extremely critical applications
- 066C020 - 25Lt
- 066C019 - 200Lt
- [MSDS](#)
- [PDS](#)

**Please contact us for more information:**

De Looper NDO & inspectieapparatuur bv, Koperslagerij 11, NL-4762 AR Zevenbergen, The Netherlands  
T: +31-168 32 69 48, F: +31-168 32 98 99, E: info@delooperndo.nl

[www.delooperndo.nl](http://www.delooperndo.nl)

**WATER WASHABLE  
FLUORESCENT PENETRANTS**

**ZYGLO®**

**Level 1/2 Sensitivity - ZL-15B ZYGLO PENETRANT**

- Water washable penetrant
- Low sensitivity
- Excellent washability for castings and rough surfaces
- Approved to AMS2644 Level 1/2
- 056C061 - 25Lt
- 056C062 - 200Lt
- [MSDS](#)
- [PDS](#)

**Level 1 Sensitivity - ZL-19 ZYGLO PENETRANT**

- Water washable penetrant
- Low sensitivity
- For general use on castings, forgings, extrusions, etc.
- Excellent wash response
- Approved to AMS2644 Level 1 and PWA
- 056C185 - 25Lt
- 056C186 - 200Lt
- [MSDS](#)
- [PDS](#)

**Level 2 Sensitivity - ZL-60C ZYGLO PENETRANT**

- Water washable penetrant
- Intermediate sensitivity
- For the inspection of aircraft fabrications
- Other applications where tight defects are sought
- Approved to AMS2644 Level 2
- 056C205 - 25Lt
- 056C206 - 200Lt
- 008A008 - 10 x 400ml Aerosol
- [MSDS - Bulk](#)
- [MSDS - Aerosol](#)
- [PDS](#)

**Level 2 Sensitivity - ZL-60D ZYGLO PENETRANT**

- Water washable penetrant
- Intermediate sensitivity
- Improved penetrant removability characteristics
- 056C010 - 25Lt
- 056C011 - 200Lt
- [ZL-60D - Bulk](#)
- [ZL-60D - Aerosol](#)
- [PDS](#)

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**WATER WASHABLE  
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**ZYGLO®**

**Level 3 Sensitivity - ZL-67 ZYGLO PENETRANT**

- Water washable penetrant
- High sensitivity
- Excellent combination of sensitivity and washability
- Approved AMS2644 Level 3
- 056C032 - 25Lt
- 056C033 - 200Lt
- [MSDS](#)
- [PDS](#)

**Level 3 Sensitivity - ZL-67B ZYGLO PENETRANT**

- Water washable penetrant
- High sensitivity
- Excellent combination of sensitivity and washability
- Approved AMS2644 Level 3
- 056C034 - 25Lt
- 056C035 - 200Lt
- [MSDS](#)
- [PDS](#)

**Level 4 Ultra High Sensitivity - ZL-56 ZYGLO PENETRANT**

- Water washable penetrant
- Ultra-High sensitivity
- For use in extremely critical applications
- Approved AMS2644 Level 4
- 056C201 - 25Lt

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**DEVELOPERS****ZYGLO®****ZP-14A ZYGLO DEVELOPER**

- Aqueous developer
- Improved to meet requirements of AMS-244 Form B Type 1
- 055C010 - 5Kg
- [MSDS](#)
- [PDS](#)

**ZP-4B ZYGLO DEVELOPER**

- Powder developer
- Gives excellent cover of parts on applications by powder storm
- Improved to meet requirements of AMS-2644 Form A Type 1
- 055C022 - 1Kg
- 055C023 - 5Kg
- [MSDS](#)
- [PDS](#)

**ZP-5B ZYGLO DEVELOPER**

- Water suspendible developer
- Improved to meet requirements of AMS-2644 Form C Type 1
- 055C002 - 5Kg
- [MSDS](#)
- [PDS](#)

**ZP-9F ZYGLO DEVELOPER**

- General purpose, non-chlorinated, non-aqueous developer
- Recommended for titanium, nickel and alloys
- Improved to meet requirements of AMS-2644 Form D Type 1 / Form E Type 2
- 008A010 - 10 x 400ml Aerosol
- [MSDS - Bulk](#)
- [MSDS - Aerosol](#)

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## EMULSIFIERS

ZYGLO®

### ZE-4B ZYGLO EMULSIFIER

- Lipophilic emulsifier
- Application is best achieved by immersion and drain
- 065C025 - 25Lt
- [MSDS](#)
- [PDS](#)

### ZR-10C ZYGLO REMOVER

- Hydrophilic remover
- Concentration between 5% and 33% v/v for dipping
- Concentration of around 0.5% v/v for spray
- 065C002 - 25Lt
- 065C003 - 200Lt
- [MSDS](#)
- [PDS](#)

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