

ZYGLO[®] FLUORESCENT PENETRANTS



Zyglo[®] Fluorescent Penetrant Testing is the most versatile and reliable process for the detection of defects open to the surface in non-porous materials, both metallic and non-metallic.

The result of more than 50 years of continuous research and development, Zyglo[®] is synonymous with testing of critical components in the Aerospace, Automotive, Railways, Shipping, Ceramic and Heavy Engineering Industries.

**ZYGLO[®] IS ONLY AVAILABLE FROM
MAGNAFLUX[®]-
THE FIRST NAME IN NDT.**

MAGNAFLUX[®]

A Division of Illinois Tool Works Inc.



ZYGLO®

Product	Flash Point	MIL-I25135E*/AMS 2644A Approval	Emulsifier/ Remover	Use with Developer	Description
ZL-19 WATER WASHABLE PENETRANTS	>93°C	Sensitivity Level 1 Method 'A'	ZP-4B ZP-5B SKD-S2		Low Sensitivity penetrant. Higher brightness/sensitivity than ZL-15B
ZL-60D WATER WASHABLE PENETRANTS	>93°C	Sensitivity Level 2 Method 'A'			
ZL-67 WATER WASHABLE PENETRANTS	>93°C	Sensitivity Level 3 Method 'A'			
ZL-56 WATER WASHABLE PENETRANTS	>93°C	Sensitivity Level 4 Method 'A'			
ZL-2C POST-EMULSIFIABLE (PE/PR) PENETRANTS	>93°C	Sensitivity Level 2 Method B,C & D	ZE-4B SKC-I		General purpose, normal sensitivity
ZL-27A POST-EMULSIFIABLE (PE/PR) PENETRANTS	>93°C	Sensitivity Level 3 Method B,C & D	ZE-4B,ZR-10B SKC-I	ZP-4B ZP-5B ZP-14 SKD-S2	High sensitivity and brightness; more resistant to abusive washing
ZL-37 POST-EMULSIFIABLE (PE/PR) PENETRANTS	>93°C	Sensitivity Level 4 Method B,C & D	ZE-4B,ZR-10B SKC-I		Ultra-high sensitivity, for critical applications
ZR-10B EMULSIFIERS & REMOVERS	Hydrophilic remover	>93°C	Yes Method 'D'		Slower acting, recommended remover
SKC-I EMULSIFIERS & REMOVERS	Solvent cleaner	>12°C	Normal sensitivity penetrant For general purpose use.		Use for pre-cleaning, "solvent wipe" Penetrant removal and post cleaning
ZP-4B DEVELOPERS	Dry powder	Yes	Application by dip spray or Electrostatic		Light, fluffy, free flowing white powder developer
SKD-S2 DEVELOPERS	Non-aqueous solvent	Yes	Application by spray only		General purpose, non-chlorinated developer for titanium, nickel & special alloys.



ITW India Limited,
Plot no:51, 52, 207 & 208, Phase -2, IDA, APIC, Pashamylaram,
Medak Dist.-502307 (35 km from Hyderabad), A.P India.
Telephone: +91 8455 224710. Facsimile: +91 8455 224709.
Email: magnafluxinfo@magnafluxindia.com, Website: www.magnaflux.com



CAT:Zygl001 #Rev: 02/12/2009