

SKL-WP2

Water Washable Visible Penetrant

Designed for large surface areas and rough surfaces where excess penetrant is difficult to remove with a solvent removable cleaner or emulsifier, SKL-WP2 can be removed with a water spray, either manually or with an automated step. It produces a visible red color contrast for discontinuity identification, and it also has outstanding penetrating characteristics. It is normally used on welds, forgings, pressure vessels, castings and general metal work, and it lends itself to a production environment where many parts are inspected daily.

SKL-WP2 is listed on the QPL SAE AMS 2644 Qualified Product List.

BENEFITS

- Outstanding penetrating characteristics
- Easy, water-wash removal
- Vivid, high-contrast color
- Superior flaw resolution
- Excellent reliability

SPECIFICATION COMPLIANCE

- AECL
- AMS 2644
- ASME
- ASTM E1417
- ASTM E165
- Boeing BAC 5423 PSD 6-46 or 8-4
- Boeing PS-21202
- GE P50YP107
- ISO 3452
- MIL-STD-2132
- MIL-STD-271
- NAVSEA T9074-AS-GIB-010/271
- QPL SAE AMS 2644

APPLICATIONS

Defect location: open to surface

Ideal for:

- Wide range of applications
- Castings
- Forgings
- Welds
- Pressure vessels
- Tubular goods

Defect examples:

- Cracks
- Leaks

PROPERTIES

Flash Point	> 200°F / 93°C
Density	0.87 g/cc / 7.30 lb/gal
Viscosity (at 100°F / 38°C)	7.89 cs
NPE-Free	Yes

USE RECOMMENDATIONS

NDT Method	Penetrant Testing, Visible
Type	2
Method(s)	A / C
Sensitivity Level	N/A
Required Equipment	No special equipment needed
Temperature Range	40 to 125°F / 4 to 52°C

PACKAGING

Aerosol can, case of 12	01-5190-78
1 gal / 3.78 L jug, case of 4	01-5190-35
5 gal / 18.9 L pail	01-5190-40
55 gal / 208 L drum	01-5190-45

HEALTH AND SAFETY

Review all relevant health and safety information before using this product. For complete health and safety information, refer to the product Safety Data Sheet, which is available at www.magnaflux.com.