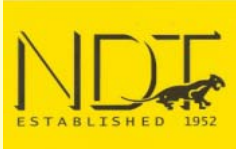


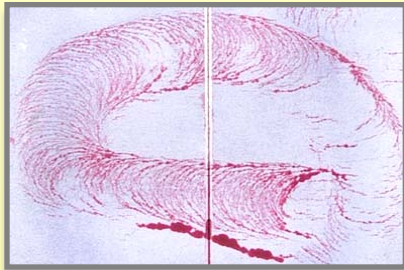
NDT ITALIANA: SINCE 1952

more than 60 years of the best

Non Destructive Testing



“Best Products and Instruments for NDT”

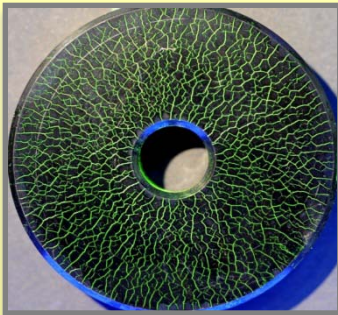


LIQUID PENETRANTS

Visible

Fluorescent

Liquid Penetrant Systems



MAGNETIC PARTICLES

Visible

Fluorescent

Dual-colored



COUPLANT GELS

Standard Temperatures

High temperatures

Special Applications

...Ultraviolet Lamps, Magnetic Yokes, Leak Detection and more...



Ask more information now !!!

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CERTIFICATES CONFORMS TO:
 EN ISO 9934, ASTM E709 - E1444, ASME Sez V art. 7, API, RCCM,
 PMUC, etc.
 Supplied with: Conformity Certificates and Safety Data Sheets

MAGNETICS

Products

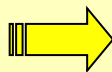
Description

Special Characteristics

FW1



Fluorescent
magnetic particles
**HIGH
LUMINESCENCE**



- ✓ Conforms to ASME Sect V art. 7, ISO 9934, ASTM E709: can be used also with visible wavelengths (dual)
- ✓ Very High sensitivity, Ref. Block EN-ISO 9934-2 Type 1 fine cracks are shown
- ✓ Responds quicker to the magnetic field applied, with brighter indications and no background

BW2



Black
magnetic
particles

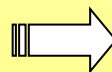


- ✓ High sensitivity, Ref. Block EN-ISO 9934-2 Type 1 fine cracks shown
- ✓ Remains on the indications longer

WBL5



White
Background
Lacquer



- ✓ Fast Drying
- ✓ Spray cans don't clog
- ✓ Very thin coating (5 microns) increases the indications visibility
- ✓ Easily removable with BIO.Remover BC1

Portable Magnetic Yokes and UV Lamps

Portable Magnetic Silver Yokes

CERTIFICATES:
 ASME sect V art.7, MIL,
 TÜV, ASTM E709,
 ASTM E1444, AMS,
 UNI EN ISO 9934



- **SY2:** AC magnetic yoke, light and economical
- **SY1:** AC or DC by a simple switch
- **SY3:** AC save low voltage 48V
- **Lithium Battery Kit 12V for yokes**

UV Lamps

CERTIFICATES:
 UNI 8375, ASME
 SECT V, MIL,
 ASTM E709,
 ASTM E1444, AMS



- **New LED UV lamps:** Long life and low consumption, low power voltage
- **B400WPE:** The only one with 400W weighting just 1 Kg (2,2 lbs)! Lowest price in the industry
- **BLACKLIGHT BATTERY TORCH:** High intensity UV LED Lamp up to 8.000 $\mu\text{W}/\text{cm}^2$ at 38 cm/15 inches Very light and small size!



NDT
 ESTABLISHED 1952

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CERTIFICATES CONFORMS TO:
 EN ISO 3452, ASTM, ASME Sect. V art. 6, RCCM, PMUC, etc.
 Supplied with: Conformity Certificates and Safety Data Sheets

PENETRANTS

Products

Description

Special Characteristics

K71B2p



Red Penetrant
 Type 2 Method
 A,C,D,E. Level 2

- ✓ **Qualified for use from 0°C to 100°C**
- ✓ High sensitivity
- ✓ Rapidly washable = faster inspection and lower water consumption
- ✓ No background
- ✓ Lower penetrant consumption due to low viscosity

D112A



White Developer
 solvent-based
 Form D,E

- ✓ Excellent results, the thin white particles dry rapidly leaving a thin and uniform layer designed for highest sensitivity and definition of the indications.
- ✓ Easily removable after test

BC1



Solvent Remover
 Class 2

- ✓ Excellent solvent action used both as pre-cleaner and as penetrant remover.
- ✓ No bad smells, doesn't leave dints

Special Liquid Penetrants

K71HT D200

Red Penetrant
 and Developer
HIGH (200°C)
 Temperatures

- ✓ Reduce inspection costs by decreasing waiting time and energy to bring back to preheating temperature
- ✓ Easily removable, leave no background by using the high temperatures remover Elite RHT1

K71B2.bio

Red Penetrant
 Method A Type 2
 Level 2

- ✓ **Not Xn marked = Not harmful**
- ✓ No oils = economical
- ✓ Not flammable
- ✓ Good washability with no background

Fluorescent Liquid Penetrants Type 1

K81B

Water Based
 Petroleum-Free
 Sensibility level ½, 1, 2
 Method A

- ✓ Self-Developing
- ✓ Not flammable
- ✓ **Economical**

K81P/PE

Water Washable or Post-Emulsionable
 Sensibility level 1, 2, 3, 4

- ✓ Developers: D112A (Form d&e), DP9 powder (Form a), DWS2 water suspendible (Form c), SD1 water soluble (Form b)
- ✓ Hydrophilic emulsifier E81b



*Systems and Cabins for
 Liquid Penetrants:
 Automatic, Semi-Automatic
 and Manual*





CERTIFICATES CONFORMS TO: ASME V, Art. 4 Par. T-433.2
 Non corrosive according to ASME sulphur and halogen free
 Not irritating, Odorless and Not Flammable

COUPLANTS

Products	Description	Special Characteristics
MATRIX	COUPLANT GEL Ready for use, or can be diluted with water up to 1:1	✓Thick blue gel, it does not dry, with antirust ✓Usable from -20°C up to + 120°C
FYr		✓Yellow fluorescent fluid economical for all surfaces, with antirust
C 333	COUPLANT IN POWDER To be mixed with water, it becomes gel in a few minutes with no lumps. Density can be adjusted according to dilution	✓Blue dense thixotropic: special for corroded surfaces, welds, castings and forgings. ✓It dries leaving a non-slippery surface, with antirust
FYp		✓Yellow fluorescent fluid economical for all superfaces , with antirust
C 333	SPECIAL COUPLANTS	✓Blue dense thixotropic: special for corroded surfaces, welds, castings and forgings. ✓It dries leaving a non-slippery surface,
MHT		✓Paste for surfaces up to 300°C
UHT		✓Paste for surfaces up to 600°C
W4US		✓Water additive, immersion testing, squirters, etc.
C200		✓Special gel for surfaces from -50°C up to +200°C

LEAK TESTING

	Bubble product for LEAK TESTING , safe and very sensitive to detect any leak of oxygen, methane, and other gas.	GAS PROOF FOR BUBBLE TEST ✓Conforms specifications: DIN 2470, ASTM E 515 ✓Available in spray ready for use and in concentrated paste to be diluted in water Can be used directly on parts under pression, or with our special VACUUM BOX
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