

Second generation of water-based fluorescent and black magnetic inks

MR 158-RGF & 221GF

- Better spraying pattern
- No foaming effect
- Detection medium application in all spatial positions



- No declaration of hazard components
- Not flammable (also propellant gas)
- Absence of VOC and Flash point
- Neutral odor
- 30-40% more of detection medium compare to conventional 500 ml aerosol cans

MR 82-R



- ➔ Flux oil free of hazard components
- ➔ Flash point: 150°C
- ➔ 0% of organic solvents

MR 76SR & 76FR

- ➔ Ready for use black & fluorescent magnetic inks with MR82-R carrier in aerosol package



4 contrast paints offer diverse properties

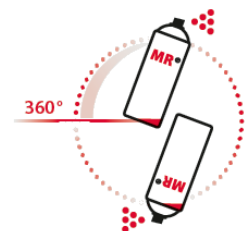


New contrast paint MR 727



Time and Costs saving solution in after-cleaning process

- ➔ greatly simplifies parts cleaning process after examination (can be removed by water on glance surfaces)
- ➔ compatible and recommended with oil-based suspensions*
- ➔ still stands out by
 - neutral odor,
 - higher flashing point and
 - non-irritant features
- ➔ can be sprayed in overhead position of aerosol can



* - not compatible with water-based magnetic inks



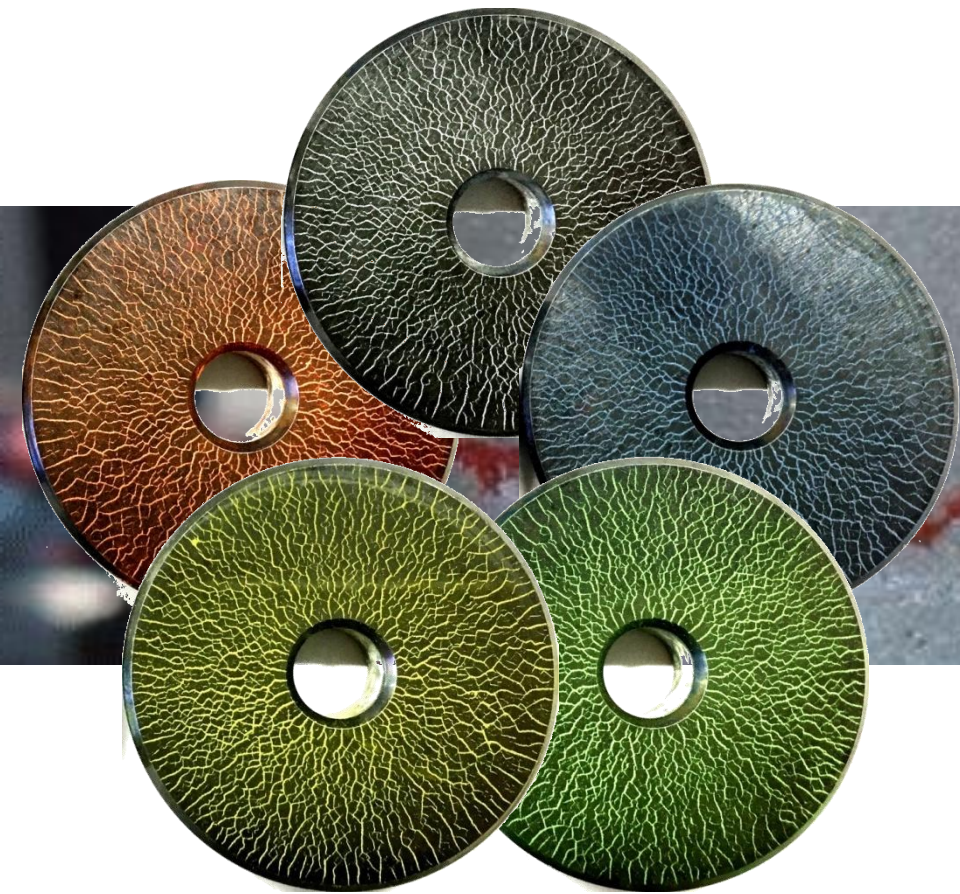
comparison test of
MR76F & MR761F oil-based inks

MR76F

EXAMINATION ON
FILLET WELD

260 lx, UV intensity: 3500 $\mu\text{W}/\text{cm}^2$

MR761F



DRY POWDERS

COLORED AND FLUORESCENT



own production



in RED, GREY, BLUE, GREEN and
YELLOW colours



45 – 325 µm range of particles sizes
(75 µm – the average)



meet AMS 3040, ASME B&PV, ASTM E709,
ASTM E1444



application temperatures up to 315 °C

3 *general design aspects of MR® UV Lamps*

Inspection reliability

UV lamps irradiate outstandingly homogeneous UV pattern

Safer operation

Since 2009 UV lamps production based on LED technology

Operation reliability

UV lamps have IP64 design to ensure outlast operation with minimum returns



What's new in MR 974, MR 974AN UV Lamps

4xUV
LEDs

instead of 2

same price

€ ≈ €

Ø20cm
UV field

min 1000 $\mu\text{W}/\text{cm}^2$
max 5000 $\mu\text{W}/\text{cm}^2$

approval as option

ASTM
3022-15

MR 98WAN and MR 42 models rewamp

5xUV
LEDs

Lamps with 2 options:

- ❶ Wider UV pattern: Ø28 cm or
- ❷ More intensive UV irradiation: 12000 $\mu\text{W}/\text{cm}^2$

Both options as battery-operated version available



MR 940 Spray-Light

full-fledged assistant for affordable price

- ➔ 400 grams only
- ➔ possible to balance lamp against tilting
- ➔ low-cost changeable grip
- ➔ 4000 $\mu\text{W}/\text{cm}^2$ UV intensity at 20 cm
- ➔ attractive price

