

## PRODUCT INFORMATION

### Penetrant Testing



# MR® 313 Penetrant red



## Product Characteristics

- MR® 313 (bulk) & MR® 313 DL (Aerosol can without flammable gases)
- Water- and solvent-washable penetrant red
- Penetrant Type II
- Sensitivity class 2 according to EN ISO 3452
- Crack indication red
- Suitable for all metals, (suitability for plastics and ceramics must be checked before application)
- Carrier medium glycol ether

## Minimum shelf life / Temperatures



Bulk: 3 years at storage temperature  
MR® 313 DL: 1 year at storage temperature  
Storage: + 5 °C - + 45 °C  
Application: + 10 °C - + 50 °C

## Specification



- EN ISO 3452-2
- ASME Code V, Art.6
- VDA236-150

## Further Information

Process description according to EN ISO 3452-1 on request or on [www.mr-chemie.de/en](http://www.mr-chemie.de/en). For further information see Material Safety Data Sheet and certificate 3.1. For additional equipment please visit our Homepage or contact our sales team.

## Suggested Products

|              |                                                        |
|--------------|--------------------------------------------------------|
| Pre-cleaner: | MR® 79, MR® 85, MR® 88, MR® 3001 and MR® 3002          |
| Remover:     | MR® 79, MR® 85, MR® 88, Water                          |
| Developer:   | MR® 70, MR® 703 W (+5 °C)                              |
| Test body:   | Kontrollkörper 1, Kontrollkörper 2 and ASTM Testkörper |

## Delivery Form

