

MR®76S, Magnetic Powder Suspension –Black



MR®76S is a highly sensitive oil-based magnetic particle suspension aerosol which serves to indicate dark, clear, strong background-free cracks when performing coloured magnetic particle inspection.

Pack Size Aerosol 400ml

Additional information

PROPERTIES	<p>Appearance – black oily liquid</p> <p>Chemical Composition – mixture of oil, additives and black magnetic powder Basis – hydrocarbon</p> <p>Odour – characteristic</p>
APPROVALS	<p>ASME Code V, Art. 7</p> <p>DIN ISO 9934 (BS 5044)</p> <p>ASTM E 709</p> <p>RCC-M</p> <p>PMUC (EDF)</p> <p>AMS 2641</p> <p>AMS 3041</p> <p>AMS 3043</p> <p>ASTM E1444/1444M</p>
FAMILY TESTING	<p>Contrast Paint – MR72 (all versions), MR721, MR725, MR727, MR727, MR72LS</p> <p>Cleaner – MR79, MR71</p> <p>Magnetic Ink (visible) – MR76S (all versions)</p>
SEDIMENT	<p>Version A – 1.2 – 2.4 ml/100ml (1h) according to ASME</p> <p>Version D – 0.3 – 0.4 ml/100ml (1h)</p> <p>Version S – 0.4 – 0.8 ml/100ml (1h) according to Produits et Matériaux Utilisables en Centrales</p> <p>Version W – 0.8 – 1.2 ml/100ml (1h)</p>
PARTICLE SIZE	<p>1 – 3 µm</p>
RECOMMENDED USAGE	<p>NDT Method – Magnetic Particle Testing</p> <p>Area Coverage ~ 6 sq m (400ml nett Aerosol can)</p> <p>Usage Temperature – 41°F to 131°F / +5 °C to +52 °C</p> <p>Storage Temperature – 41°F to 113°F / +5 °C to +45 °C</p>



MR®85, Remover

MR®85 is an NDT-approved non-halogenated solvent-based cleaner/remover for pre-cleaning (removes oils, greases and other contaminants) and removing excess surface penetrant from an inspection area before applying developer during liquid penetrant testing. It dries quickly without leaving any residue on the surface.

Pack Size Aerosol 400ml

Additional information

<p>PROPERTIES</p>	<p>Appearance – clear volatile liquid Chemical Composition – mixture of alcohols Basis – solvent Odour – characteristic</p>
<p>APPROVALS</p>	<p>AMS 2644 ASME Code V, Art. 6 DIN EN ISO 3452 ASTM E165 ASTM E1417 RCC-M ASME NPCIL TLV 9017 01 PMUC JIS – 2343-2</p>
<p>FAMILY TESTING</p>	<p>Penetrant – all penetrants Cleaner – MR85 Developer – all developers</p>
<p>RECOMMENDED USAGE</p>	<p>NDT Method – Dye Penetrant Testing Compatibility – all penetrants Area Coverage ~ 6 sq m (400ml nett Aerosol can) ; ~ 19 sq m (1 L) Usage Temperature – 14°F to 131°F / -10 °C to +55 °C Storage Temperature – 41°F to 113°F / +5 °C to +45 °C</p>
<p>REFERENCE TEST BLOCKS</p>	<p>Reference test block type 1 (Ni-Cr panel) Reference test block type 2 (5-star panel) ASTM test block (Aluminium comparator block) TAM panel</p>



MR®72, White Contrast Paint

MR®72 is a specially formulated quick drying coating material which serves to lighten the test surface when performing non-fluorescent magnetic particle inspection by forming a smooth white film to improve probability of detection and sensitivity.

Pack Size Aerosol 400ml

Additional information

<p>PROPERTIES</p>	<p>Appearance – white volatile liquid</p> <p>Chemical Composition – mixture of solvents & white pigments Basis – solvents</p> <p>Odour – characteristic</p>
<p>APPROVALS</p>	<p>ASME Code V, Art. 7</p> <p>DIN EN ISO 9934 (BS 5044)</p> <p>ASTM E709</p> <p>PMUC (EDF)</p>
<p>FAMILY TESTING</p>	<p>Contrast Paint – MR72</p> <p>Cleaner – MR79, MR71</p> <p>Magnetic Ink (visible) – MR76S (all versions), MR76SH, MR76SR, MR210, MR214, MR221, MR221GF, MR222, MR222LC</p>
<p>RECOMMENDED USAGE</p>	<p>NDT Method – Magnetic Particle Testing</p> <p>Area Coverage ~ 6 sq m (400ml nett Aerosol can) ; ~ 19 sq m (1 L)</p> <p>Usage Temperature – 41°F to 131°F / +5 °C to +185 °C **</p> <p>Storage Temperature – 41°F to 113°F / +5 °C to +45 °C</p> <p>** EZ or HD variant</p>