

- FLUORESCENT EN KLEUR CONTRAST
- PRODUCTEN OP OLIE- EN WATERBASIS
- DIRECT INZETBARE INKTEN

MAGNETIC PARTICLE INSPECTION

MAGNAFLUX[®]

MAGNETISCHE INKTEN EN POEDERS

Magnetische inkten en poeders worden gebruikt in combinatie met magnetische inspectieapparatuur om oppervlaktescheuren en fouten net onder het oppervlak te lokaliseren in magnetiseerbare onderdelen.



Onderdeel bekeken onder UV(A) in combinatie met MAGNAGLO[®]

MAGNAFLUX[®]

Division of ITW Ltd

MAGNAFLUX[®] en Magnaglo[®] producten zijn wereldwijd goedgekeurd, gespecificeerd en vertegenwoordigen de ultieme kwaliteit en prestaties van magnetisch scheuronderzoek.

Zowel de inkten voor de 'natte' als 'droge' methode zijn leverbaar als fluorescent of kleurcontrast om aan alle eisen en toepassingen te kunnen voldoen.

Of het nu de standaard MAGNAFLUX[®] magnetiseringsbanken, apparatuur voor speciale toepassingen of draagbare inspectiekits betreft, er is altijd wel een MAGNAFLUX[®] / Magnaglo[®] product dat voldoet aan uw eisen.

Wanneer de testinkten toegepast worden samen met MAGNAFLUX[®] inspectie apparatuur, zorgt dit voor een niet geëvenaarde combinatie voor het uitvoeren van niet-destructief onderzoek.

SPECIFICATIES

MAGNAFLUX[®] en Magnaglo[®] concentraten, kant en klare inkten en poeders voldoen aan de internationale eisen en normen BS 4069, ASME en ASTM. Concentraten en inkten op oliebasis voldoen aan AMS, industriële specificaties en eisen vanuit (Europese) wet- en regelgeving.

Van alle producten zijn Nederlands- en Engelstalige product datasheets en veiligheidsbladen beschikbaar evenals de fabriekscertificaten.

MAGNAGLO® FLUORESCENT INKS					
MAGNAGLO® 14A Can be suspended in oil or in water in which Magnaflux WA 2B or WA 4E has been dissolved.	CONCENTRATION 14A WA2B WA4E	IN OIL 1.25 g/L --	IN WATER 1.25 g/L 10 g/L 1% v/v	PARTICLE SIZE 6-7 µ m	
MAGNAGLO® 20B A balanced blend of Magnaglo 14A with Magnaflux WA2B. Magnaglo 20B is thus directly water suspendable giving an aqueous ink which both wets part surfaces and protects them from corrosion during testing.	20B	-	10 g/L	6-7 µ m	
MAGNAGLO® WB 12 A mixed liquid concentrate of Magnaglo 14A with water conditioners and corrosion inhibitors. Magnaglo WB 12 is nitrate free.	WB12	-	250ml makes 25 Litres	6-7 µ m	
MAGNAGLO® MG410 Ultra bright Magnaglo material suspendable in oil or water in which Magnaflux WA2B or WA4E has been dissolved.	MG410 WA2B WA4E	1.0-1.5 g/L --	1.0-1.5 g/L 10 g/l 1%v/v	8-12 µ m	
READY TO USE INKS					
MAGNAGLO® 14HF A ready to use ink consisting of Magnaglo 14A in high flash carrier II of low odour.	FLASH POINT (PMCC) 93°C min	VISCOSITY AT 21°C 3.45 cS	SPECIFIC GRAVITY 0.81	PARTICLE SIZE 6-7µ m	SETTLEMENT VOLUME 0.1- 0.35 ml
MAGNAGLO® 410HF A ready to use ink consisting of Magnaglo MG 410HF in high flash carrier II of low odour.	93°C min	3.45 cS	0.81	8-12 µ m	0.1- 0.35 ml
MAGNAFLUX® 7HF A ready to use ink consisting of Magnaflux 7C in high flash carrier II of low odour.	93°C min	3.45 cS	0.81	2-6 µ m	1.5 –2.4 ml
COLOUR CONTRAST CONCENTRATES					
MAGNAFLUX® 7C Can be suspended in oil or water in which Magnaflux WA2B or WA4E has been dissolved.	CONCENTRATION 7C WA2B WA4E	IN OIL 9.5g/L --	IN WATER 9.5g/L 10g/L 1% v/v	PARTICLE SIZE 2-6 µ m	
MAGNAFLUX® 27B BLACK A balanced blend of Magnaflux 7C with Magnaflux WA2B to give a concentrate which can be suspended directly in water to give black magnetic ink.	27B	-	20g/L	2-6 µ m	
MAGNAFLUX® 9C Can be suspended in oil or in water in which WA2B or WA4E has been dissolved.	9C WA2B WA4E	9.5g/L --	9.5g/L 10g/L 1% v/v	2-6 µ m	
WATER CONDITIONERS					
MAGNAFLUX® WA2B A water-soluble granular solid designed to be dissolved in water to prepare a suitable aqueous carrier for the oil suspendable Magnaflux and Magnaglo concentrates. The three-fold actions of Magnaflux WA2B are: 1) to suspend magnetic particles in water; 2) to protect surfaces from corrosion during testing; 3) to wet surfaces under test.			CONCENTRATION WA2B	IN WATER 10 g/L	
MAGNAFLUX® WA4E A liquid water conditioner which assists suspension of Magnaflux or Magnaglo particles very efficiently, wets surfaces and protects them from corrosion during tests. Magnaflux WA4E also leaves light corrosion protection after testing.			WA4E	1% v/v	
CARRIER FLUID					
MAGNAFLUX® CARRIER II A blend of hydrocarbon distillates designed to suspend magnetic particles for preparation of magnetic inks. It allows good particle mobility and suspends particles efficiently.				FLASH POINT (PMCC) 93°C min	
CONTRAST PAINT					
MAGNAFLUX® WCP2 A quick drying white contrast paint which can be applied as thin coating prior to testing where enhanced contrast is required.				FLASH POINT (PMCC) < 0°C	
DRY METHOD MAGNETIC PARTICLES					
Magnaflux dry powders offer a range of colours to give good contrast on a wide variety of finishes. In the event of contrast being poor, a thin layer of WCP2 can be applied prior to testing	PRODUCT 1Grey 3A Black 8A Red	COLOUR Grey Black Red	PARTICLE SIZE 1 – 150 µ m 1 – 150 µ m 1 – 150 µ m	TEMP. RANGE 0 - 315°C 0 - 230°C 0 - 175°C	