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## TECHNICAL DATA SHEET

### SHADOW PAINT MARKER INKS 4053

#### TECHNICAL CHARACTERISTICS

Shadow 4053 are solvent based inks for valve action markers. The peculiarity is that on absorbing paper they create a colorful outline around the silver trace.

On all other kind of surfaces they have the same properties as

standard paint inks (see 2533 series) such as great covering, lightfastness and water-resistance.

Free from aromatic/chlorinated solvents, with low solvent smell.

Note that the colored outline effect depends on the paper used.

Colour ref. No:	SILVER / MAGENTA 4053	SILVER / BLUE 4053	SILVER / VIOLET 4053	SILVER / YELLOW 4053	SILVER / RED 4053	SILVER / GREEN 4053
Viscosity, cps (25 °C) Brookfield Small Sample Adapter Spindle SC4-18, rpm 200 (cps, 25°C)	10 ± 3	10 ± 3	10 ± 3	10 ± 3	10 ± 3	10 ± 3
pH:	5 ± 0.5	5 ± 0.5	5 ± 0.5	5 ± 0.5	5 ± 0.5	5 ± 0.5
Water-resistant	Yes	Yes	Yes	Yes	Yes	Yes

#### SUITABLE COMPONENTS

Use valve action markers only. Markers should ideally be stored horizontally and should be capped firmly.

**Nibs/Tips:** High-porosity polyester nibs suitable for pigments and solvent-resistant, porosity 60-65%

**Inner Ball:** Corrosion safe ball, both stainless steel or glass

**Body:** Aluminium, Nylon, PP with appropriate thickness

**Cap, Front Section:** PBT, nylon

It is recommended to thoroughly test the components selected.

#### HANDLING INSTRUCTIONS

Store between 15°C and 35°C. Do not expose loose ink to temperatures higher than 35°C. Protect from frost and avoid direct sunlight.

**CAUTION:** the inks are flammable liquids! Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

After use clean the filling unit with alcohol or MEK.

#### INSTRUCTION FOR USE

Stir ink in the drums well before use for at least 15-20 min. Keep the inks under stirring while filling markers in order to avoid pigment sedimentation.

Drums should be closed tightly during storage.

#### PACKING

50 KG net Plastic or Metal Drums

200 KG net Plastic or Metal Drums

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