

Description

Quick-Mark Digital consists of a printable Laser Film, Base Sheets and optional Over-Laminating films. The Laser Film is heat stabilised and includes a UV inhibitor to protect against fading and has a double sided coating to accept Laser Toner. Vinyl Base Sheets are available in white and transparent and there is 0.2mm aluminium available. All Base Sheets have a cross-linked acrylic adhesive on both sides. The self-adhesive optional clear Over-Laminating films are available as a clear or matt PVC vinyl and a Polycarbonate.

Quick-Mark Digital Laser Film

QMD Laser Film is a heat stabilised 100 micron base polyester film. This 140g/m² film produces high density images when used with a host of colour and mono laser printers. The film features UV inhibitors and a toner receptive coating on both sides of the base polyester. For the purposes of the various tests detailed in this document an HP colour LaserJet CP5220 A3 printer was used with HP proprietary toner.

In all cases, all statements, technical information and recommendations herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith

Immersion Test for Skydrol Hydraulic fluid and JP-5 Jet Fuel

13 of the 70 x 190mm labels were immersed in Skydrol hydraulic fluid at 23°C and another 13 in jet fuel grade JP-5 at 23°C. Labels were removed and inspected at intervals of 0.5, 3,7,24,48,120,144,168,192,216,312 and 336 hours

Results Jet Fuel Grade JP-5

Immersion period (hr.)	Appearance
0.5	No Change
3	No Change
7	No Change
24	No Change
48	'Running' of colours up to 2mm from edge.
120	'Running' of colours up to 3mm from edge. Yellow pigment is spreading into the white areas from the yellow, green, orange and red bands.
144	'Running' of colours up to 3mm from edge. Yellow pigment is spreading into the white areas from the yellow, green, orange and red bands.
168	'Running' of colours up to 4mm from edge. Yellow pigment is spreading into the white areas from the yellow, green, orange and red bands.
192	'Running' of colours up to 4mm from edge. Yellow pigment is spreading into the white areas from the yellow, green, orange and red bands.
216	'Running' of colours up to 5mm from edge. Yellow pigment is spreading into the white areas from the yellow, green, orange and red bands.
288	'Running' of colours up to 6mm from edge. Yellow pigment is spreading into the white areas from the yellow, green, orange and red bands.
312	'Running' of colours up to 6mm from edge. Yellow pigment is spreading into the white areas from the yellow, green, orange and red bands.
336	'Running' of colours up to 7mm from edge. Yellow pigment is spreading into the white areas from the yellow, green, orange and red bands.

Results Skydrol Hydraulic Fluid

0.5	Peeling of laminate layer upon cleaning and drying.
3	Complete removal of laminate layer and loss of adhesion at corners.
7	Complete removal of laminate layer and loss of adhesion up to 2mm from edges.
24	Complete removal of laminate layer and loss of adhesion up to 4mm from edges with associated attack (feathering) of pigmented layer.
48	Complete removal of laminate layer and loss of adhesion up to 6mm from edges with associated attack (feathering) of pigmented layer.
120	Complete removal of laminate layer and loss of adhesion up to 7.5mm from edges with associated attack (feathering) of pigmented layer.
144	Complete removal of laminate layer and loss of adhesion up to 9mm from edges with associated attack (feathering) of pigmented layer.
168	Complete removal of laminate layer and loss of adhesion up to 10mm from edges with associated attack (feathering) of pigmented layer.
192	Complete removal of laminate layer and loss of adhesion up to 11mm from edges with associated attack (feathering) of pigmented layer.
216	Complete removal of laminate layer and loss of adhesion up to 11mm from edges with associated attack (feathering) of pigmented layer.
288	Complete removal of laminate layer and loss of adhesion up to 11mm from edges with associated attack (feathering) of pigmented layer.
312	Complete removal of laminate layer and loss of adhesion up to 11mm from edges with associated attack (feathering) of pigmented layer.
336	Complete removal of laminate layer and loss of adhesion up to 11mm from edges with associated attack (feathering) of pigmented layer.

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