

## 3960 - Scrim Banner Plus 350 FR Matt AQ



### matt 3960 - 350 µm

Water-resistant, opaque (Blockout), light and flexible PVC banner with a very fine surface. This product consists of a tear-resistant and flame retardant (B1) polyester fabric, which is embedded between two white vinyl layers.

#### Advantages:

- ✓ High ink limit
- ✓ Unprotected outdoor-use for up to 3 months
- ✓ Suitable for grommeting and welding
- ✓ Good color brilliance
- ✓ Matt, water resistant coating
- ✓ Smooth surface for failure-free printing
- ✓ Black blockout-layer for total opacity
- ✓ Tear propagation: ~ 0025 N
- ✓ B1 - certified
- ✓ Initial tear resistance: ~ 1000 N/50mm



#### Applications:

- Indoor Short-Term Promotions: In-house advertising for e.g. promotion at concerts, theatres, cinemas or shopping malls.
- Indoor Signs: For preparation of identification signs or maps or banner at exhibitions, POS, conventions, in large buildings ect.
- Outdoor Signage: Mounted advertising/information panels such as signs or maps or banners, i.e. construction signs, POS, decoration, exhibitions.

#### Ink Compatibilities:

- Ink with Dye : Aqueous dye-based ink systems, whereby the colourant behaves like sugar in water. These inks deliver high colour saturation but are more sensitive to the ozone and UV-light than watery pigment inks: we therefore strongly recommend glass framing or lamination for long-term indoor application.
- Aqueous Pigmented Ink: to be printed with aqueous pigmented based ink systems, used on Thermal-, Bubble- and Piezo-Jet printers. The ink colorant (pigment) does not dissolve or behaves like chalk in water. Outdoor ink.

#### Properties:

- Blockout: Media which are impervious to light.
- Flame retardant: This media is flame retardant, please refer to the certificate in our application hint.
- Quick dry: The special coating effects that ink will be absorbed in a fraction of a second therefore applications can follow directly after printing.
- Waterresistency/Waterfastness: this product printed with pigmented based inks can be used for short-term outdoor applications without any laminate film (see referring data sheet and recommendations of use). That means this product withstands rain and other outdoor influences, but water droplets can cause slight differences in color density within colored areas.
- Tear-resistant: This media is tear-resistant due to its base media.

**TEXTILE MEDIA**  
I - 38023 CLES (TN)  
Via Campo Sportivo, 24  
Tel. +39 0463 421592  
Fax +39 0463 422214  
diatecx.textile@diatecgroup.com

**GRAPHIC ARTS MEDIA**  
I - 38023 CLES (TN)  
Zona Industriale, 126  
Tel. +39 0463 422222  
Fax +39 0463 422173  
diatecx.graphic@diatecgroup.com

**FILIALE NORD EST**  
I - 36051 CREAZZO (VI)  
Via Piazzon, 10  
Tel. +39 0444 522022  
Fax +39 0444 340100  
diatecx.vicenza@diatecgroup.com

**FILIALE EMILIA ROMAGNA**  
I - 41012 CARPI (MO)  
Via della Chimica, 10712  
Tel. +39 059 643661  
Fax +39 059 698572  
diatecx.carpi@diatecgroup.com

**FILIALE CENTRO SUD**  
I - 50053 EMPOLI (FI)  
Via 1° Maggio, 57/59  
Tel. +39 0571 930071  
Fax +39 0571 930082  
diatecx.empoli@diatecgroup.com

## 3960 - Scrim Banner Plus 350 FR Matt AQ

- Edge tear strength: This product has a particularly high tear resistance: it will only tear and continue to rip should one of the edges become damaged or excessive force is use

### Physical Properties:

Total Weight	480 g/m <sup>2</sup>	ISO 536
Thickness	350 µm (13,78 mil)	ISO 534
Whiteness	109 (CIE D65/2°)	ISO 11476
Opacity	>99	ISO 2471
PH Value	5,5	
Fire Resistancy	M2	
Tensile strength	>1000 N/50mm	DIN 53354
Temperature resistance short terme	-15°C - +60°C	
Tear strength warp	>60 N	DIN 53383

### Conditions:

- Keep the product in the original packaging (cardboard box and PE bag)
- It is always recommended that cotton gloves be used when handling InkJet coated materials to avoid fingerprints
- The converting and storage should take place in a climate from 35 to 65% to relative humidity at a temperature from 10° to 25°C
- After delivery the material should be used within 6 months

### Table of the supported printers:

See the legend below for the quality column.

Printer	Ink	Quality
Hewlett PackardDJ 5000 (PS) / 5500 (PS)	Ink with Dye	★★
Hewlett PackardDJ 5000 (PS)/ 5500(PS) UV+	Aqueous Pigmented Ink	★★
Hewlett PackardDJ 2000/2500/2800 3000/3500/3800 CP UV+	Aqueous Pigmented Ink	★
Hewlett PackardDJ 130	Ink with Dye	★★
Hewlett PackardDesignJet Z 2100 Vivera Pigment	Aqueous Pigmented Ink	★★★★
Hewlett PackardDesignJet Z 3100 Vivera Pigment	Oil Based Pigmented Ink	★★★★
EpsonStylus Pro 7600 / 9600 UltraChrome™	Aqueous Pigmented Ink	★★★★
EpsonStylus Pro 10600 UltraChrome™ 1440x720dpi	Aqueous Pigmented Ink	★★★★

#### TEXTILE MEDIA

I - 38023 CLES (TN)  
Via Campo Sportivo, 24  
Tel. +39 0463 421592  
Fax +39 0463 422214  
diatec.textile@diatecgroup.com

#### GRAPHIC ARTS MEDIA

I - 38023 CLES (TN)  
Zona Industriale, 126  
Tel. +39 0463 422222  
Fax +39 0463 422173  
diatec.graphic@diatecgroup.com

#### FILIALE NORD EST

I - 36051 CREAZZO (VI)  
Via Piazzon, 10  
Tel. +39 0444 522022  
Fax +39 0444 340100  
diatec.vicenza@diatecgroup.com

#### FILIALE EMILIA ROMAGNA

I - 41012 CARPI (MO)  
Via della Chimica, 10712  
Tel. +39 059 643661  
Fax +39 059 698572  
diatec.carpi@diatecgroup.com

#### FILIALE CENTRO SUD

I - 50053 EMPOLI (FI)  
Via 1° Maggio, 57/59  
Tel. +39 0571 930071  
Fax +39 0571 930082  
diatec.empoli@diatecgroup.com

## 3960 - Scrim Banner Plus 350 FR Matt AQ

Printer	Ink	Quality
EpsonStylus Pro 4000-C8 UltraCrome ink	Aqueous Pigmented Ink	★★★★
EpsonStylus Pro 4800 UltraChrome K3	Aqueous Pigmented Ink	★★★★
EpsonStylus Pro 7880/ 9880 / 11880 UltraChrome K3 Vivid Magenta	Aqueous Pigmented Ink	★★★★
EpsonStylus Pro 7900/ 9900 Ultrachrome HDR	Aqueous Pigmented Ink	★★★★
CanonW 6200 / 8200 pigmented ink	Aqueous Pigmented Ink	★★★
CanonW 6400 / 8400 pigmented ink	Aqueous Pigmented Ink	★★★
CanonimagePROGRAF 5000 / 8000 / 9000	Aqueous Pigmented Ink	★★★★
CanonimagePROGRAF iPF 5100 / 6100 / 8100 / 9100	Aqueous Pigmented Ink	★★★★
CanonImagePROGRAF iPF 6200/8200	Aqueous Pigmented Ink	★★★★
CanonimagePROGRAF 6300 / 6350/ 8300	Aqueous Pigmented Ink	★★★★
Hewlett PackardDesingJet Z 6100/6200/6600/6800		★★★★
Hewlett PackardDesignjet Z 3200 Vivera Pigment		★★★★
MutohValuejet 1304W / 1304WU / 1604WU / 1638W		★★★
CanonIPF 6400/8400		★★★★

<b>Legend</b>	★★★★ High	★★★ Medium	★ Low
---------------	-----------	------------	-------

**TEXTILE MEDIA**

I - 38023 CLES (TN)  
Via Campo Sportivo, 24  
Tel. +39 0463 421592  
Fax +39 0463 422214  
diatecx.textile@diatecgroup.com

**GRAPHIC ARTS MEDIA**

I - 38023 CLES (TN)  
Zona Industriale, 126  
Tel. +39 0463 422222  
Fax +39 0463 422173  
diatecx.graphic@diatecgroup.com

**FILIALE NORD EST**

I - 36051 CREAZZO (VI)  
Via Piazzon, 10  
Tel. +39 0444 522022  
Fax +39 0444 340100  
diatecx.vicenza@diatecgroup.com

**FILIALE EMILIA ROMAGNA**

I - 41012 CARPI (MO)  
Via della Chimica, 10712  
Tel. +39 059 643661  
Fax +39 059 698572  
diatecx.carpi@diatecgroup.com

**FILIALE CENTRO SUD**

I - 50053 EMPOLI (FI)  
Via 1° Maggio, 57/59  
Tel. +39 0571 930071  
Fax +39 0571 930082  
diatecx.empoli@diatecgroup.com