



PE

FABRENE®

Polyethylene (PE)



New kind of large format printing media for UV, Solvent* and Latex*. Very low material weight comparable to paper. Stronger than most medias available on the market (ASTM standards). Environmentally friendly and nontoxic. 100% recyclable and ready for use again.



Ecology and the ergonomics:




- No problems with used material.
- Environmentally friendly, 100% recyclable.
- Nontoxic, chloride and plasticizer free.
- Smaller warehouse storage capacity.
- 300m x 3.2m roll weight less than 100kg.
- Outer roll diameter - 26cm.
- Shorter changing time of media on the machine.

Main advantages:

- Low weight - from 90 g/m2.
- Smaller storage cost of transport and display.
- Lower demand into human resources (assembly).
- High durability for material stretching and tearing .
- Media available in various colors and finishes.
- Possibility of welding and making pockets.
- Perfect inks adhesion.
- Better colors reflection.
- Up to 3810mm material width.



Specifiction:

Symbol:	Test method:	PIXEL 20	PIXEL 40	PIXEL 60
Weight:	ASTM D3776	90 g/m2	115 g/m2	172 g/m2
Standard roll width:		1.60m, 3.20m, 3.66m		
Standard roll length:		300m		
Max. Material width:		3810mm	3810mm	3660mm
Available colors:		 white/white	 white/gray	 white/black
Available finishes:		Matt / Gloss		
Material thickness:	Caliper	108 µm	124 µm	202 µm*
Material construction	Warp:	36 tapes/10cm	36 tapes/10cm	32 tapes/10cm
	Weft:	13 tapes/10cm	23 tapes/10cm	21 tapes/10cm
Tensile Grab Strength	Warp:	310 N	350 N	900 N
	Weft:		490 N	700 N
Tear Strength (Trapezoidal)	Warp:	120 N	90 N	340 N
	Weft:		170 N	360 N

If you have any questions concerning our offer please contact us: db@digitalbrothers.eu.