



MAGIC RENEW

30 mil 4.5 oz nonwoven lightweight banner (*matte*)

PRINTER COMPATIBILITY



DESCRIPTION

Magic RENEW is a 30 mil / 4.5 oz printable, lightweight, durable, non-woven PET banner with a textured, matte surface. RENEW can be hung from ceilings, fences, scaffolding, etc. It can also be used to create customizable pennants. It is the perfect alternative to vinyl (which is known for being environmentally harmful) and other banner materials.

PHYSICAL CHARACTERISTICS

Thickness	30 mil
Basis Weight	4.5 oz
Opacity	75%
Flame Spread Classification	Class A for ASTM E84
Elongation MD / CD	2% max / 2% max
Width Tolerance	All rolls +/- 0.25"
Tensile Strength (MD/CD)	50 lbs min / 60 lbs min
Wind Test	335 CFM vs Mesh Banner
220 CFM	

**All values are targets*

FEATURES AND BENEFITS

- 100% post-consumer waste made from recycled plastic bottles
- Recyclable
- Lightweight
- Non yellowing
- Will not mold or mildew
- Tear resistant
- Water resistant
- Scratch resistant
- Fade resistant
- Can be grommeted and welded

COMMON APPLICATIONS

- Fence banners (grommet)
- Hanging banners (pole pocket)
- Pole banners (street signs)
- Short term signs
- Construction banners

PROCESSING TIPS

- Preferred side out
- Outer Diameter
- 75' rolls = 7" OD
- 200' rolls = 12" OD

FINISHING & PRINTING

- Suggested printer settings:
- UV CURE - double density / 5 pass
- LATEX - backlit
- Use outer edge pinch rollers only, set to 1/2 pressure
- Turn cutters off
- Can be heat welded, sewn and grommeted
- Heat weld at 425°-450°F
- Can be returned to recycling centers

SHELF LIFE

2 years from ship date

STORAGE CONDITIONS

Temperature	50-85° F (10-30° C)
Relative Humidity	30-65%

OPTIMAL PRINTING ENVIRONMENT

Temperature	50-85° F (10-30° C)
Relative Humidity	30-65%

