Halogen-free Flame Retardant Rigid Polypropylene

PRINT-EX HMAF

No more ~~PVC~~ for your visual communication

A safe printing media for indoor use where high level of protection is required

AVAILABLE PRODUCTS

Thickness range

600μ-700μ.

Grain

Gloss / Satin

Satin / Satin

Satin / Peach

Gloss / Gloss

Please consult sales for finish options

Surface treatment:

Corona treatment both sides

Format

PRINT-EX HMAF can be supplied in sheet or rolls.

Max width 1250 mm

Max sheet length 3000 mm

Colours

Standard colors are is

White 0050

Snow white 0060

Backlit 0060G

Rigid polypropylene sheet for Indoor visual communication

According to the European fire norms all materials that are part of the building construction must comply with the fire safety norm.
This includes banners, flags and advertising panels hanging from walls and ceiling.
For this application EX-P developed and certified **PRINT-EX HMAF**
This polypropylene sheet has a flame retardant classification according to the rigorous European EN 13501-1

Standard reference identification:

EN 13501-1:2007+A1 fire classification of construction products and building elements Part 1 classification using test data from reaction to fire test.

EN ISO 11925-2:2010 reaction to fire test for building products-part 2 –ignitability when subjected to direct impingement of flame

EN 13823:2010 reaction to fire test for building products _ Building products excluding flooring exposed to the thermal attack by single burning item SBI.

PRINT-EX HMAF is classified as B s1 d0

Fire behavior	Smoke emission during combustion: quantity/speed of emission	Production of flaming droplets/particles during combustion
B	s1	d0
very limited contribution to fire	Absent or weak *	No dripping

Note: printing over the surface of the product may alter its classification to fire. The printer should use adequate ink system and control the result.

Best printability
Guaranteed

EX P
Packaging & Graphic sheets

PRINT-EX HMAF

Processing techniques

PRINT-EX HMAF is convertible by:

- ➢ Offset printing UV
- ➢ Offset conventional
- ➢ Screen printing
- ➢ UV Inkjet digital printing
- ➢ Punching and folding
- ➢ Die cutting

Applications

PRINT-EX HMAF is suitable for:

- ➢ Hanged banners.
- ➢ Die cut formed banners
- ➢ Wall mounted posters.
- ➢ Back lit application.
- ➢ Parts of electronic appliance

*** Why also Halogen-free?**
Most flame Retardant materials make use of halogen elements like Chlorine (PVC) and Bromine: they have excellent fire retardant properties but finally generate toxic smoke during combustion.
PRINT-EX HMAF not only to dramatically reduces fire risk but also does not emit toxic fumes when finally

 Recycling
An advertising banner has a short life by nature as they are periodically replaced by new ones. Our responsibility is to reduce the environmental impact by making use of materials with easy recycling or safe disposal.
PRINT-EX HMAF is easy to recycle and in the end of its life it can be incinerated for production of clean energy.