



# COALA FRONTLIT W

## Product Information

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

### Advantages

- Smooth surface for flawless printing
- Blockout for 100% opacity
- Tensile strength: ~ 1000 N/50mm
- Tear propagation: ~ 0025 N
- Unprotected outdoor use for up to 3 months
- Flame retardant, M2 and B1 certified
- Suitable for grommeting and welding
- Waterfast, matt coating with high ink capacity
- Good colour brilliance

## Technical Data

Weight (Total) [gsm]	480	ISO 536
Thickness (total) [microns]	380 (15 mil)	ISO 534
Whiteness (CIE, D65/2°) [%]	109	CIELab System
Opacity [%]	>99	ISO 2471
Tear strength [N]	>1000	ISO 527-1, 300 mm/min
Initiated Tear Resistance CD [N]	>60	DIN 53 363
Fire Rating	M2	
pH-value	5,5	DIN 53 124
Temperature resistance short terme	-15°C - +60°C	

## Standard Dimensions

914mm x 15m ; 1270mm x 15m ; 1524mm x 15m

The following technical details are issued to the best of our knowledge, however, without any responsibility for results due to several different kinds of material and application processes. Therefore, we highly recommend that before every usage a test should be conducted on the original material.





## Application

Indoor signs, Indoor adverts, Outdoor signage

## Processing instructions

The converting and storage should take place in a climate of 35 to 65% relative humidity at temperatures of 10° to 25°C.

Always keep the product in the original packaging (cardboard box and PE bag). After delivery the material should be used within 6 months.

To avoid damage to the material (saging), we strongly recommend storing the boxes in the vertical position. Cotton gloves should always be worn when handling Inkjet coated materials to avoid fingerprints. It is highly advisable to work with low ink limit and/or reduced linearization of the colour density and this can save up to 25 % in ink usage.

If printed with high ink limits both water- and weather-resistance can be negatively affected. High ink limits can be used without any bleeding.

For best handability, ink settings of about 240% are recommended. Printability is excellent even with dye inks. This banner can be used for indoor and outdoor advertising. It can be sewn and grommets can be used for fixation. It can be welded on the reverse by thermic and inductive high frequency welding. Real time weathering test: okay after 3 months (unprotected). Q\_U\_V tests gave good results after 500 hours. Banners should not be folded.

Outdoor banners should be left over night to obtain better water resistance. For large jobs, rolls from the same batch should be used to obtain consistent base colour and output. Age contributes to the final output quality. Cutters should be disabled on printers to avoid damage.

To guarantee full water-resistance, the ink has to completely dry, we recommend letting prints dry for a minimum of 12 hrs before exposing it to water.

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