



DATA SHEET REFLECTIVE CHEVRONS

CHEVRON

Self-adhesive reflective stripes alternating fluorescent yellow – red for emergency vehicles, consisting of microprisms encapsulated in a soft polymeric 480µm film and a self-adhesive stripe. Pattern approval: TPESC Class B 07105 UTAC, Conform EN1789.

SPECIFICATIONS:

Average values

- Thickness (µm): 480
- Self-adhesive width (mm): 141
- Gloss at 85°: min. 40
- Dimensional stability (1 hour at 22°C and 50% humidity)
 - After 10 minutes, adhesive in the open < 0.8 mm
 - After 24 hours, adhesive in the open < 3.1 mm
- Colours: comply with table (CIE Number 15.2, illuminant D65, labscan Hunter).

Colours	Chromatic coordinates *									
	1		2		3		4		Y%	
	x	y	x	y	x	y	x	y	Min.	Max
Yellow F	0.387	0.610	0.356	0.494	0.398	0.452	0.460	0.540	40	
Red	0.648	0.351	0.735	0.265	0.629	0.281	0.565	0.346	3	

* the 4 sets of coordinates determine whether the colour is acceptable when measured with a standard illuminant D65, labscan Hunter.

- Reflection: the reflection coefficient R' is always higher than the values detailed in the table below, according to the rotation angles of 0° and 90° (average). (Illuminant standard A, CIE Number 54).

Colours	Observation / Entrance angle					
	0.33°/20° (β1)	0.33°/5° (β2)	0.33°/30° (β2)	1.50°/20° (β1)	1.50°/5° (β2)	1.50°/30° (β2)
Yellow Fluo	50	100	25	2	4	1
Red	17	25	14	0.5	1	0.5

The unit is cd/lux/m².

ADHESIVE PROPERTIES:

- Peel 20 minutes after application (N/25mm): 16
- Resistance against impacts: no traces of cracking or delaminating outside the impact area.

RECOMMENDATIONS FOR USE:

- Recommended minimum application temperature: +10°C
- Usage temperature range: -40°C à +90°C.
- Thin film easy to apply.
- No sealing varnish.
- Guaranteed against infiltrations and delaminating.
- Can be applied on curtains.
- Good adhesion in particular on fibreglass, aluminium and painted steel.
- Homologation:
 - > EN1789 (Norme Ambulance Européenne)
 - > TPESC Class B 07105 (Homologation FR Véhicules Pompiers).
- In the case of painted substrates self-adhesive media must only be applied onto the undamaged original paintwork. If the paint is not the original paintwork and/or if it is damaged, the application and the removal are at the installer's risk.

SHELF LIFE:

- Storage (before application):
1 year if stored unopened in its original packing and in a cool dry place.

NOTE:

Because of the great variety of substrates and possible application methods the installer must examine the suitability of the media for each application. The methods of measuring for the standards quoted above are the basis for the development of our own measuring methods which are available on request (partial application). You are invited to enquire for the latest instructions in force.

All published data are based on measurements carried out regularly under laboratory conditions. They do, however, not constitute a warranty, representation or promise, express or implied as to the condition, quality, merchantability, fitness for a product, or that such product will satisfy any requirement for a specific property or capacity or special methods, all such warranties being hereby expressly disclaimed. The seller assumes no liability for claims beyond the replacement value of any product proven to be defective in material or workmanship and is in no way liable for direct, indirect, special, incidental damages or consequential loss including without limitation lost profits or loss of use, whether based on contract, tort or any other legal theory. Product specifications may change without prior notice. Our website is automatically updated: www.hexisgroup.com.