

Cahier des charges

Kit de protection de coupe

Travail réalisé avec la collaboration de :

Yann Baudic, Pierre Collier et Chantal Bertrand,

2024	Gérard Noah
2026	Caillé Thaïna, Duplessis Louise

CHRISTOPHE LENGLOS AWARD ROAD RESCUE NOMINATION FORM

INFORMATION ABOUT THE NOMINATIVE BODY

Who is submitting the nomination?

WRO partner

Claire PETIT BOULANGER

Road safety Expert for Renault Group

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INFORMATION ABOUT THE NOMINEE

5) Category in which the nomination is made:

A) Officially recognized emergency responding organization

6) Name of the organisation : **SDIS 77 (Service Départemental Incendie et Secours de Seine et Marne)**

7) Country of origin : **France**

8) Description of the organization: **A SDIS (Departmental Fire and Rescue Service) is a French public institution managed by a board of directors; it brings together firefighters and manages emergency response services at the departmental level.**

9) **Description of the initiative :**

The SDIS 77 initiated a novel and useful partnership with the Flora Tristan high school's sewing department of Montereau Fault Yonne City .

The idea was to re use retired firefighting gear from SDIS 77 to create protective covers for vehicles, useful during road rescue operations.

13) describe to what extent the project is evidence-based both in objectives to be targeted and the message to be conveyed and thus well researched

This project realised by both school and firefighters of SDIS 77 is a good example of circular economy and meets a genuine need, instead of buying comparable items from usual suppliers. The students attended a road rescue demonstration to fully understand

the actual protection needs and handed over the results of their work to the SDIS 77 firefighters in November 2025.



14 to 16) How this initiative improves road rescue

This initiative allows sdis 77 to equip their road rescue trucks with this new material, already tested and approved by the SDIS 77 rescue team .

Members of this rescue team made specifications for high school students explaining which types of clothing could be repurposed for specific types of protection. (see document joined).

These protection will be useful for both rescuers and victims of accident safety

17) sustainability of this initiative

Both sdis 77 and Flora Tristan high school are interested to continue this partnership if sdis 77 needs to have new protections for road rescue in next future.

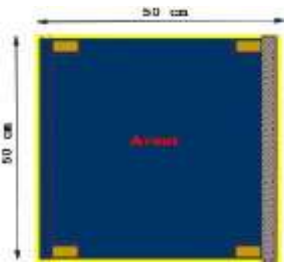
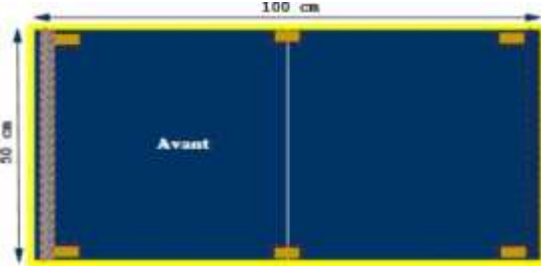
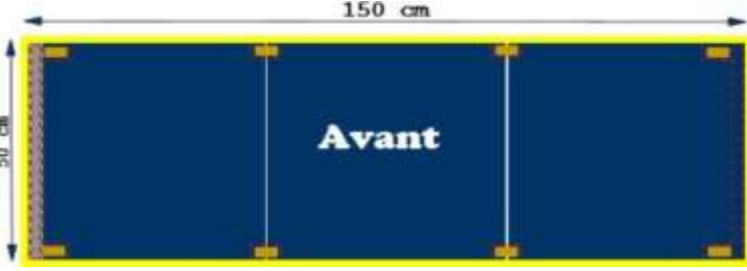
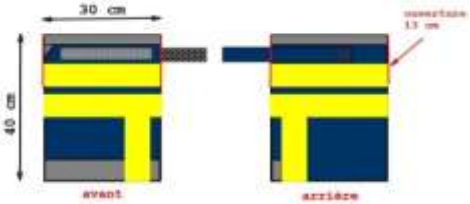
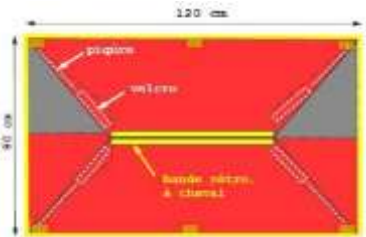
Each material used to make the protection has already been paid for an initial use, which is a good example of the circular economy

18) Can this project be easily replicated elsewhere by fire brigades ?

This project can be very easily duplicated in France, Europe and even everywhere in the world, between a fire brigade and a high school's sewing department,.

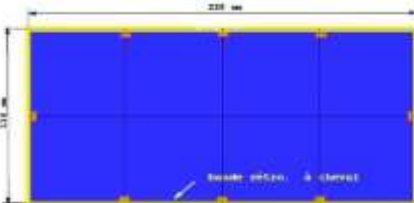
	Présentation des éléments du kit	1
	Légende	2
P1	Protection à assembler Petit tapis	3
P2	Protection à assembler Moyen tapis	4
P3	Protection à assembler Grand tapis	5
P4	Protection montant carrosserie	6 - 7
P5	Protection gant	8
P6	Protection fenêtre	9 - 10
P7	Nappe - protection camion	11 - 12
	Fournisseurs	13

Kit équipement complet

Réf.			veste		pantalon	
			dos	man	bleu	rouge
P1	2x	 Protection de coupe à assembler Petit tapis 8 aimants 2 m velcro 4 m de tresse	2			
P2	2x	 Protection de coupe à assembler Moyen tapis 12 aimants 2 m velcro 6 m de tresse	4			
P3	1x	 Protection de coupe à assembler Grand tapis 8 aimants 1 m velcro 4 m de tresse	3			
P4	2x	 Protection montant carrosserie 0,55 m de tresse			2	
P5	1x	 Protection gant 0,55 m de tresse		0,5		
P6	1x	 Protection fenêtre 6 aimants 1 m velcro				1

Fournitures à acheter	
34	aimants
6 m	velcro 38 mm
15,10 m	tresse 35 mm

Tenues à prévoir				
Veste bleue	9			
Pantalon bleu			2	
Pantalon rouge				1

P7	1x	 Nappe protection camion 8 aimants			4	
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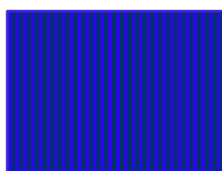
Remarque :

Possibilité de faire 9 protections de gant supplémentaire

LEGENDE



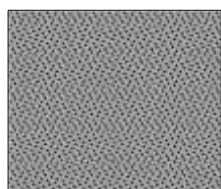
Aimant



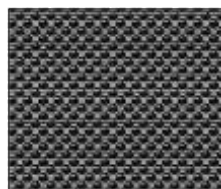
Envers matière



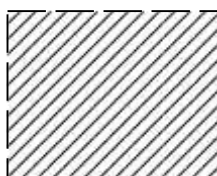
Endroit matière



Velcro velours



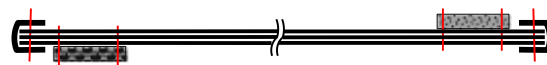
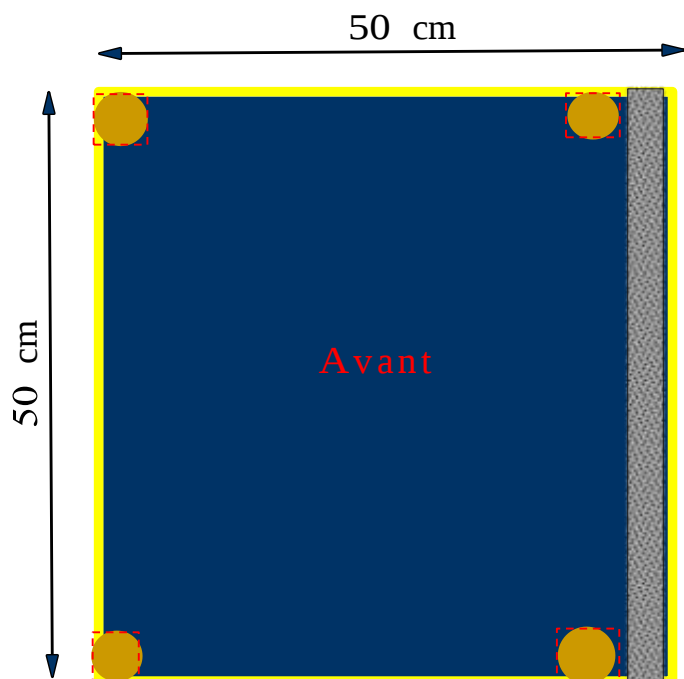
Velcro crochets



Zone de découpe



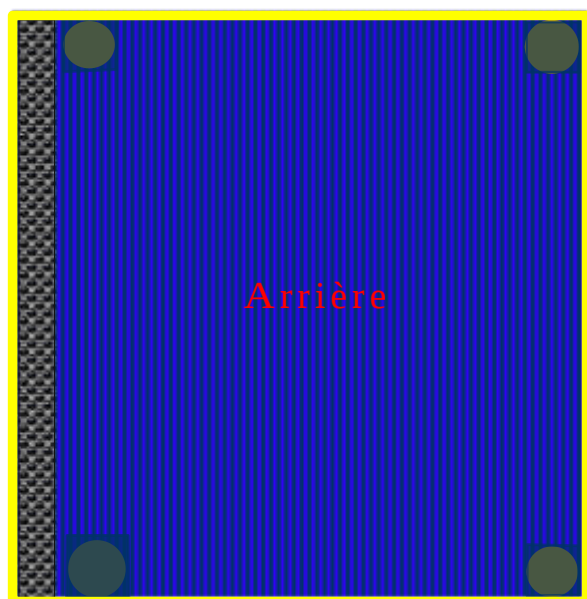
Tresse pour finition jaune 35 mm



Couper :

2 rectangles de : 50 x 52 cm
8 carrés de : 12 x 9 cm
pour les poches à aimant

Bande jaune rétroréfléchissante
à démonter pour assemblage en
ruban sauf dans zone utilisée

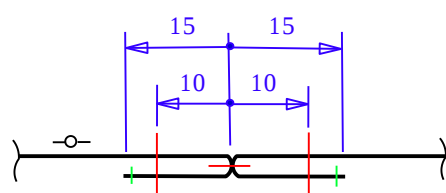
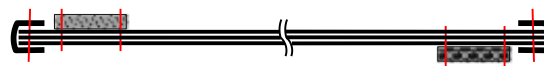
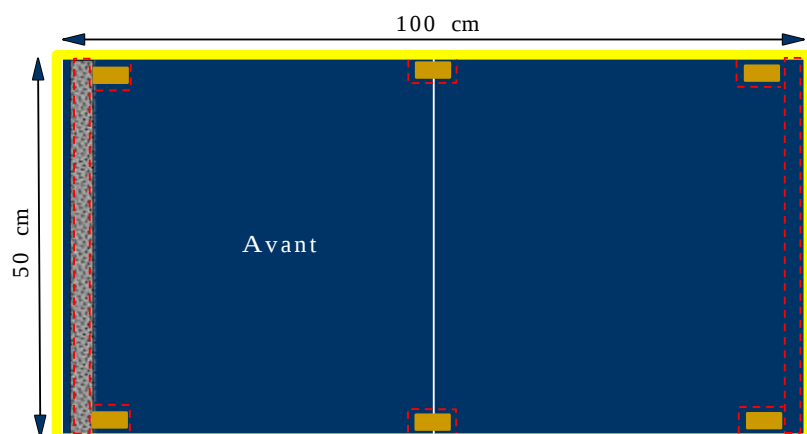


Tresse à cheval pour finition

Poche pour aimant

Fourniture nécessaire pour 2 tapis :

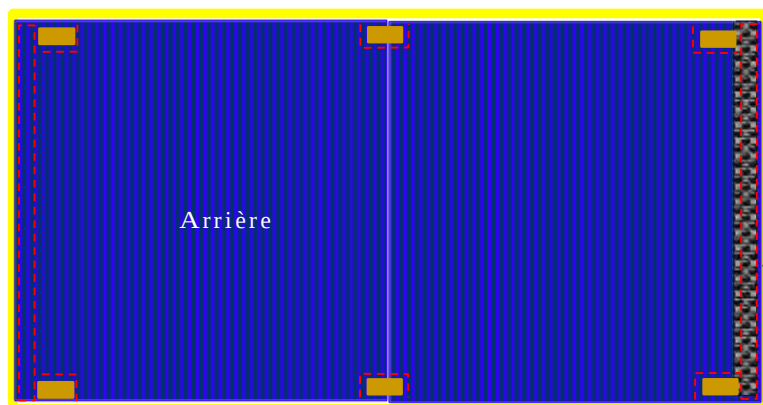
- 2 dos de veste
- 2 x 4 = 8 aimants
- 2x2 50 cm = 2 m de velcro largeur : 38 mm
- 2x 200 cm = 4 m de tresse pour finition jaune : 35 mm



Couper :

4 rectangles de : 50 x 50 cm

Aimant inséré entre les couches

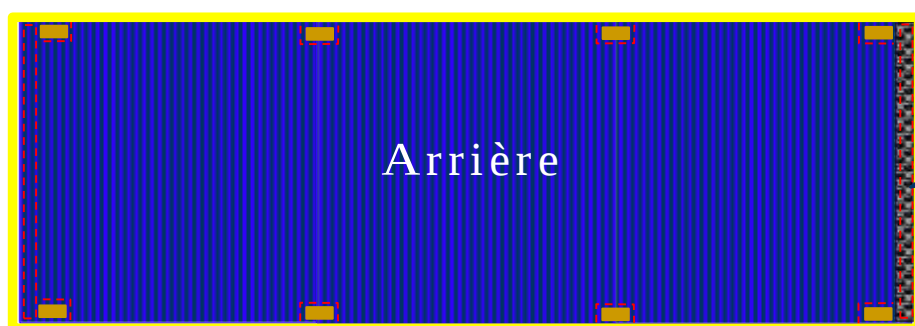
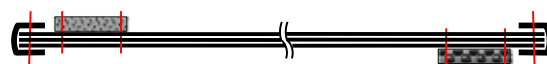
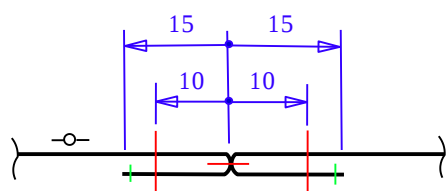
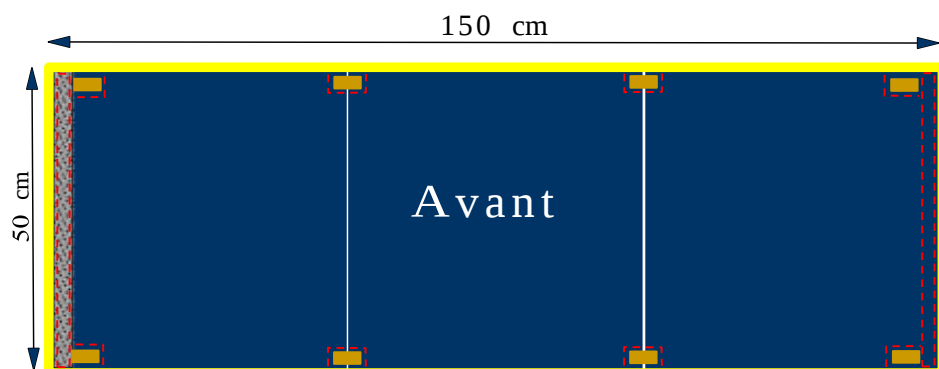


Tresse à cheval pour finition



Fourniture nécessaire pour 2 tapis :

- 4 dos de veste
- 2 x 6 = 12 aimants
- 2x2 50 cm = 2 m de velcro largeur : 38 mm
- 2x 300 cm = 6 m de tresse pour finition jaune : 35 mm



Tresse à cheval pour finition

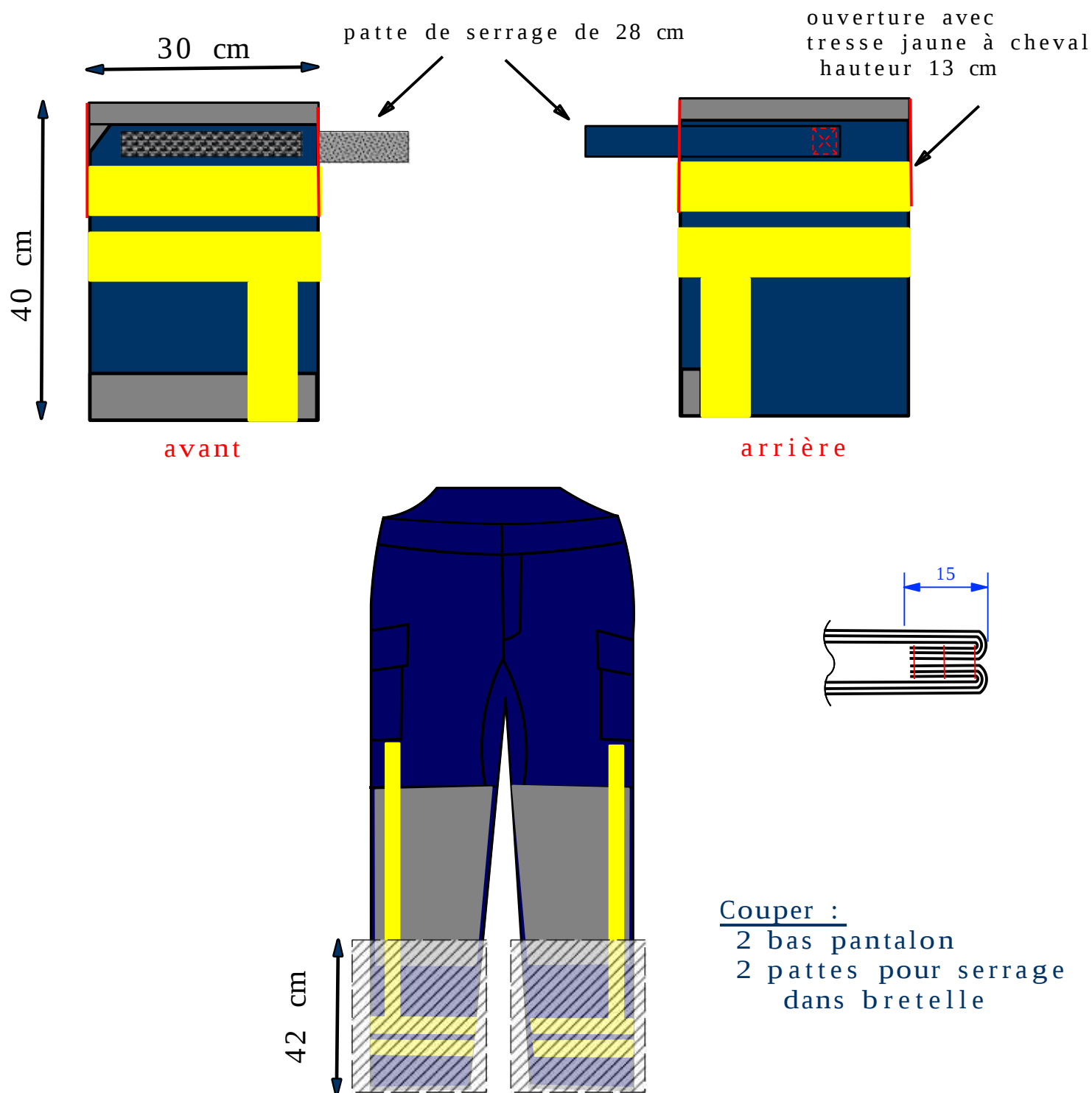
Aimant inséré entre les couches



Couper :
3 rectangles de : 50 x 50 cm

Fourniture nécessaire pour 1 tapis :

- 3 dos de veste
- 8 aimants
- 2x 50 cm = 1 m de velcro largeur : 38 mm
- 4 m de tresse pour finition jaune : 35 mm



Couper :

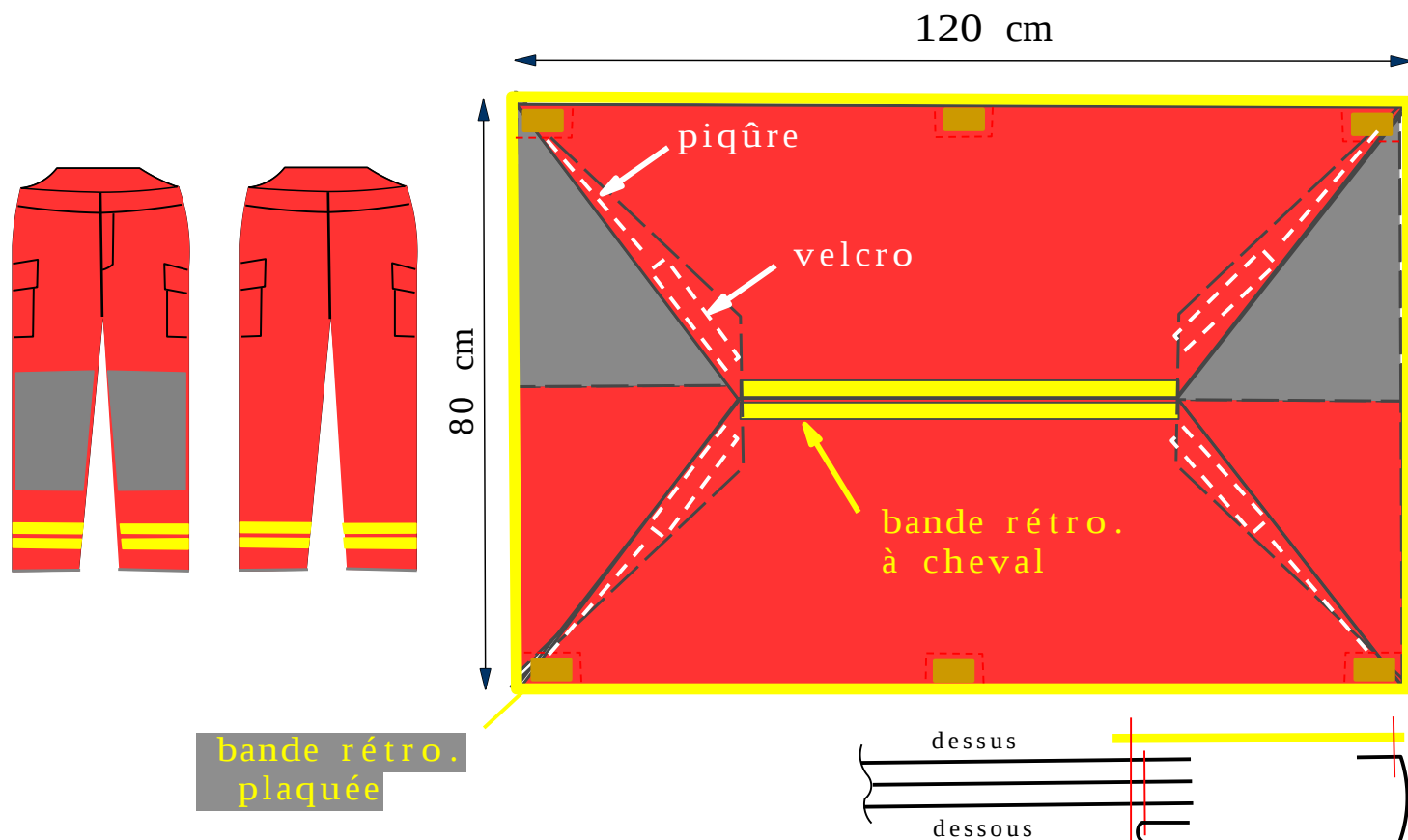
- 2 bas pantalon
- 2 pattes pour serrage dans bretelle

- Bande rétroréfléchissante jaune à conserver sur la protection

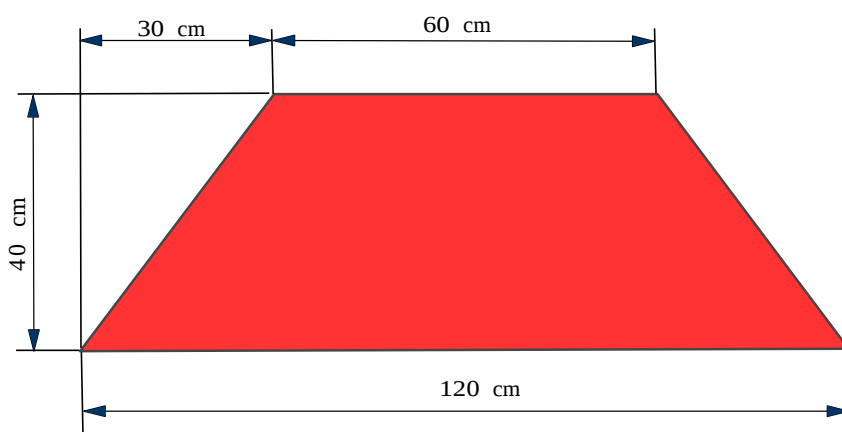
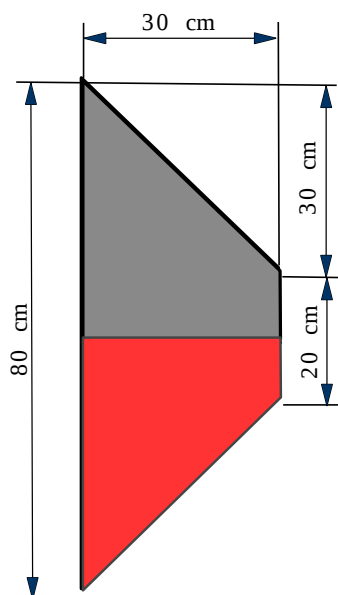
Fourniture nécessaire :

- 2 bas de pantalon
- 2 pattes pour serrage + velcro de récupération
- 0.55 m de tresse jaune





Couper :
4 trapèzes



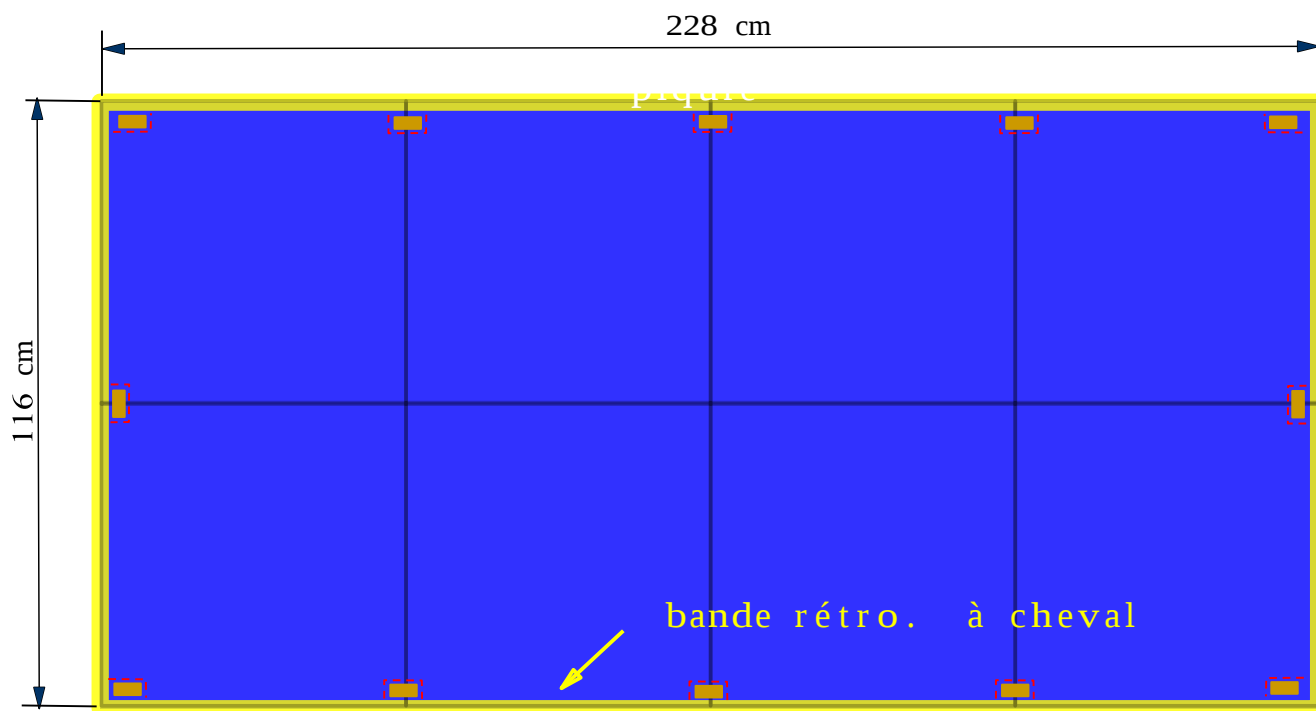
- démonter les poches côté
- grands trapèzes dos pantalon
- petits trapèzes devant pantalon
- 5.20 m de bande de 6 cm coupées dans manche

Fourniture nécessaire :

- 2 jambes de pantalon
- $4 + 2 \times 0.60 = 5.20$ m de bande jaune rétroréflechissante
- 4×0.20 m de velcro largeur : 38 mm
- 6 aimants

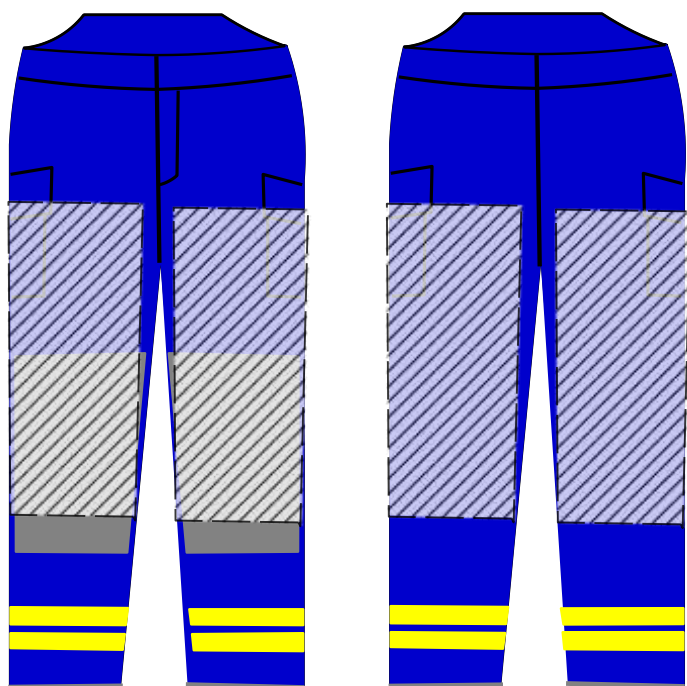
Réalisation





Assemblage à 2 cm

Aimant inséré entre les couches



- ouvrir l'entre-jambe et le fond pour mettre le côté à plat
- démonter les poches côté
- couper 1 carré de 60 x 60 cm dans chaque jambe

Fourniture nécessaire :

- 4 pantalons
- 7 m de bande jaune rétroréféchissante
- 12 aimants

Réalisation



Fournisseurs

La Mercerie Parisienne
 8 rue des FrancsBourgeois - Le Marais Paris 3^e

01 48 87 58 98

Panier (vide)

Rubans
 Rubans Sergé
 Ruban Sergé de coton, col. Tournesol 81



Ruban Sergé de coton, col. Tournesol 81

Modél : REZ00011

Fabrique en France. Minimum 1 mètre. Existe en 5 largeurs.

100% coton

Options du Produit

Largeur

35

Quantity: 1

Ajouter au panier

OU

<https://www.mymercerie.com>
04 28 29 28 73






BOBINE 50M SERGÉ COTON JAUNE MOUTARDE

46,50 €^{TTC}

Information:
Bobine 50m sergé-coton Jaune moutarde

Référence: R70R/50MC43
Marque: MYMERCERIE

TAILLE: 30mm

QUANTITÉ: 1

Ajouter au panier

Ajouter au favoris

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TÉLÉPHONE
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	38mm x 25m		x 1	Réf
	boucle		22,28 €	VCNoi038025B
	crochet		22,22 €	VCNoi038025C