

Technical Evaluation Report No. 0598/PPE/23/2517/R

Product:	Knee protectors for work in the kneeling position. Garments with knee pad pockets to be combined with interoperable knee pads
Model:	105070 Steel Rugged Flex® Relaxed Fit Ripstop Double-Front Cargo Work Pant, 105072 Steel Rugged Flex® Relaxed Fit Ripstop Double-Front Cargo Work Pant, 105074 Steel Rugged Flex® Relaxed Fit Ripstop Double-Front Utility Multi-Pocket Work Pant, 105075 Steel Rugged Flex® Relaxed Fit Ripstop Double-Front Utility Work Pant, 107214 The Essential Steel Rugged Flex® Double-Front Pant
Trademark:	carhartt®
Certificate holder / Manufacturer:	Carhartt B.V. Cruquiusweg 109-D-2 Etage, 1019 AG Amsterdam, Netherlands
Applied standard(s) and/or technical specification(s):	EN ISO 13688:2013+A1:2021 and EN 14404-4:2024
Performance level(s):	EN 14404-4: Type 2, level 0, interoperable knee protection
Risk category:	<input checked="" type="checkbox"/> Category II <input type="checkbox"/> Category III

Description and identification of the products:

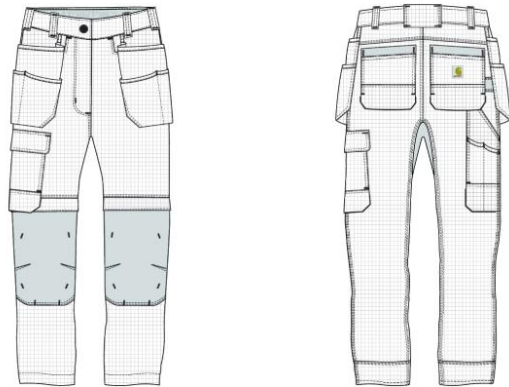
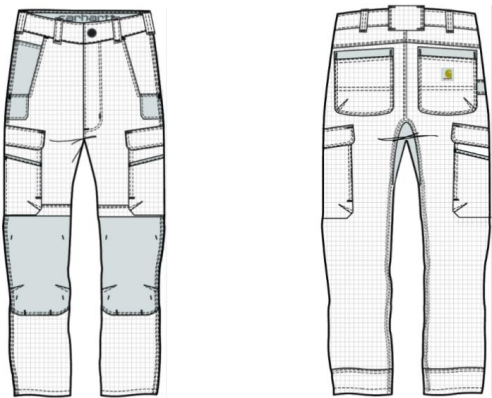
Trousers are made of the following main materials:


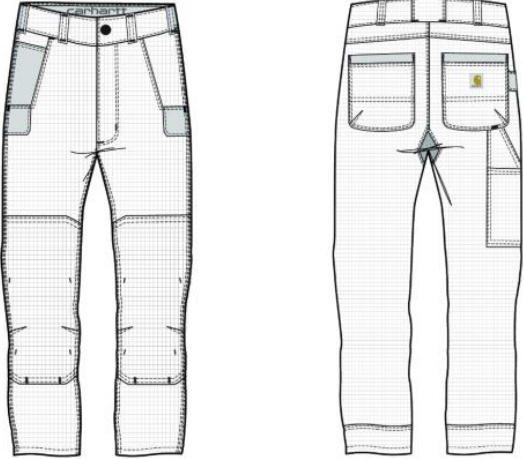
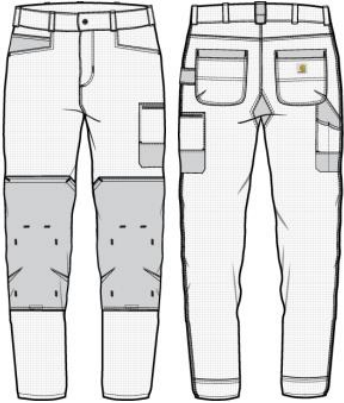
- Woven fabric W-0701 (Carhartt art. 600906), 59% CO, 39% PES, 2% EL, 270 g/m²
- Woven fabric W-0783 (Carhartt art. 600817), 73% CO, 25% PA, 2% EL, 346 g/m²

Knee pocket fabric is quality ref. D017415/AC21, 2-way Stretch Cordura Nylon Ripstop.

Trousers are provided with knee pockets design to be used together with interoperable knee pads.

Pictures of the products

105070 Steel Rugged Flex® Relaxed Fit Ripstop Double-Front Cargo Work Pant	105072 Steel Rugged Flex® Relaxed Fit Ripstop Double-Front Cargo Work Pant
	

<p>105074 Steel Rugged Flex® Relaxed Fit Ripstop Double-Front Utility Multi-Pocket Work Pant</p>	<p>105075 Steel Rugged Flex® Relaxed Fit Ripstop Double-Front Utility Work Pant</p>
	
<p>107214 The Essential Steel Rugged Flex® Double-Front Pant</p>	
	

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Technical documentation

Item of technical documentation	Document identification	Assessment
1. A description of the PPE and its intended use	User Information 105070, 105072, 105074, 105075, 107213, 2024-09-06 Manufacturer's Instructions and Information, 2025-08-05	The description is adequate
2. Product drawing, construction, and material list	Technical file 105070, 105074, 105075, 107214, 2025-05-06 Technical file 105072, 2025-05-06	Products are identified and described, materials are specified
3. List of the essential health and safety requirements that are applicable to the PPE	List of EHSR, 2025-08-01	The relevant requirements have been recognized
4. Standards and/or technical specifications applied	Technical files, Section 3 – Risk Assessment	The applied harmonized standards EN ISO 13688:2013+A1:2021 and EN 14404-4:2024 support the relevant requirements
5. Test reports		
5.1. SGS Fimko test report	No. 401409T01, 2020-10-05 Woven fabric W-0791, Carhartt art 600906	Material meets the requirements of EN ISO 13688:2013 for dimensional change (domestic wash at 60°C)
5.2. SGS Fimko test report	No. HELPP2210000381-1, 2022-11-29 Woven fabric W-0783, Carhartt art. 600817	Material meets the requirements of EN ISO 13688:2013 for dimensional change (domestic wash at 60°C)
5.3. SGS Fimko test report	No. HELPP2301000202-1, 2023-02-21 Trousers with interoperable knee pockets	Trousers combined with interoperable knee pads meet the requirements of EN 14404-4:2024 for ergonomics
6. Draft information sheet	User Information 105070, 105072, 105074, 105075, 107213, 2024-09-06 Manufacturer's Instructions and Information, 2025-08-05	Document meets the requirements of the applied legislation and standards
7. Product markings	Product Markings, Section 4 in the technical files	Markings meet the requirements of the applied legislation and standards
8. Risk assessment	Technical files, Section 3 – Risk Assessment	Adequate
9. Description of the production quality system and related product control and test facilities	Technical files Section 1 – Quality Control Procedure for Production Monitoring ISO 9001:2015 Certificate No. 0119825, Sapphire Finishing Mills Ltd, Intertek Certification Ltd, 2024-11-28 Quality control System Presentation, Sapphire Finishing Mills	Adequate for module B. <i>Note: This does not indicate approval of the quality management system according to module D of the PPE Regulation.</i>

Applied legislation

Regulation (EU) 2016/425 (CE marking)

Regulation 2016/425 as brought into GB law and amended (UKCA marking)

Evaluation

The documentation supplied by the certificate holder / manufacturer or their authorized representative fulfils the requirements of the PPE Regulation and standard(s) and/or technical specification(s) applied.

- The documentation supplied contained a signed application form
- Material(s) and the product(s) have been tested in accordance with the requirements of the applied standard(s) and technical specification(s) by accredited testing laboratories.
- The model(s) of the product(s) supplied by the applicant conform(s) to the technical documentation.
For category III products:
- The technical file contains evidence that a module C2 or module D service is in place.
Note: This is a requirement only for renewal, not for initial certification.

Appendix 1 Document history

End of Technical Evaluation Report

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Document history of Technical Evaluation Report 0598/PPE/23/2517/R	
2023-03-23	Technical Evaluation Report No. 0598/PPE/23/2517/R issued for EU type-examination certificate No. 0598/PPE/23/2517, Issue 1, and UKCA Conformity Assessment certificate Prepared by Erja Tammela
2025-08-07	Technical Evaluation Report No. 0598/PPE/23/2517/R issued for EU type-examination certificate No. 0598/PPE/23/2517, Issue 2 <ul style="list-style-type: none"> - Updated to EN 14404-4:2024 - 107214 The Essential Steel Rugged Flex® Double-Front Pant added to the collection - Technical file updated accordingly Modified by Erja Tammela

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