



## EU Type Examination Certificate

Date: 2022/05/20

n. **769222002/OE**

Validity: 2027/05/19

The hereunder described items of Personal Protective Equipment have overcome positively the "EU type examination" (Module B), proving their conformity to the safety and health requirements of the Regulation (EU) 2016/425 (Annex II)

Manufacturer: (Responsible of the PPE)	<b>CARHART BV</b> Cruquiusweg 109-D – 1019 AG, Amsterdam (THE NETHERLANDS)	
Type of PPE:	<b>Safety footwear</b> in conformity with <b>EN ISO 20345:2011 class I</b> (= footwear in leather and other materials)	
Category of PPE:	<b>II</b> : "medium" risks. This certificate is based on reference standards listed below: its validity is no longer ensured should new version of the standards come into force.	
Model	<b>"F702935.201"</b>	
Description:	<p><u>model</u>: C (half knee boot);  <u>processing</u>: direct injection;  <u>outsole</u>: black rubber with yellow "VIBRAM" stamp marked "oil resistant hro-hi" (3040B/00-RAS/1/00);  <u>midsole</u>: coffee color foam PU (MPI/001);  <u>reinforced toetip area</u>: declared black TPU (PU003N);  <u>upper</u>: brown water-repellent leather, declared thickness 2,0/2,2 mm (PEI/MAR), coupled with white felt, black water-repellent leather declared thickness 1,8/2,0 mm (DII/NER);  <u>collar</u>: black coated fabric (ANS/NERI), coupled with foam material;  <u>collar lining</u>: see collar;  <u>vamp/rear lining</u>: black three-dimensional fabric (SPO/SELN), which also covers the insole;  <u>insole</u>: multi-layered fabric (LC/ZP03), <u>which also serves as penetration resistant insert</u>;  <u>removable insock</u>: thermoformed, made of black agglomerated fabric with anthracite grey foam material reinforcement in the heel area, coupled with black/silver fabric in contact with the user (FM126NA);  <u>toecap</u>: fiber glass, art. "604 CONTENDER" (604FV).</p>	
Technical Standard:	<b>EN ISO 20344:2011</b> (UNI EN ISO 20344:2012)	Personal protective equipment – Test methods for footwear
	<b>EN ISO 20345:2011</b> (UNI EN ISO 20345:2012)	Personal protective equipment – Safety footwear
Intended use:	general industry, engineering industry, agriculture, warehouses, works on trucks, cranes.	
Size range:	from 36 to 48	
Technical File:	<b>DC-14968/E</b>	
Test report:	<b>RCT n°4131618/E</b>	





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Functions and performance levels:

**basic requirements for safety footwear** (see Table 2 and 3 of EN ISO 20345:2011): all mandatory ones, among which:

**SRC (\*) = Slip resistance** – meets the following requirement:

- surface: ceramic / lubricant: detergent solution;
- surface: steel / lubricant: glycerol.

(\*) the final level of the anti-slip features is achieved after the first hours of trial stage.

**Additional requirements** (Tab. 18 and 20 of EN ISO 20345:2011):

**S3** = closed seat region, antistatic properties, energy absorption of seat region, resistance to fuel oil, water penetration resistance and absorption (water-repellent upper), penetration resistance, cleated outsole; **HRO** = resistance to hot contact of the outsole; **HI** = heat insulation of sole complex; **CI** = cold insulation of the sole complex; **WR** = resistance to water penetration of the whole footwear.

Note: the penetration resistance of the synthetic stitch proof insole tends to decrease with the diameter of the perforating object; in return the synthetic insole offers more protective surface and ergonomics advantages (flexibility, insulation, humidity and impact absorption).

Marking:

on a stitched label and displaying the following information:

- **CE Marking**;
- Name/Trademark and complete address of the Manufacturer;
- designation of the footwear (= alphanumeric code: unique/unambiguous);
- nr. and year of the Standard of reference + safety symbols;
- size of the footwear;
- production date (month + year);
- additional information: internal codes.



NOTE: the Technical File contains a more detailed description of the PPE (material, method of assembly, photographs or drawings), performance data, safety functions and level of protection, elements of conformity to the basic and supplementary requirements. The Technical File is integral part of the present Certification, which has to be kept available by the applicant to be forwarded - upon request - to the entitled person (supervising body, Controlling Officer).

