

EVSE continuity checking

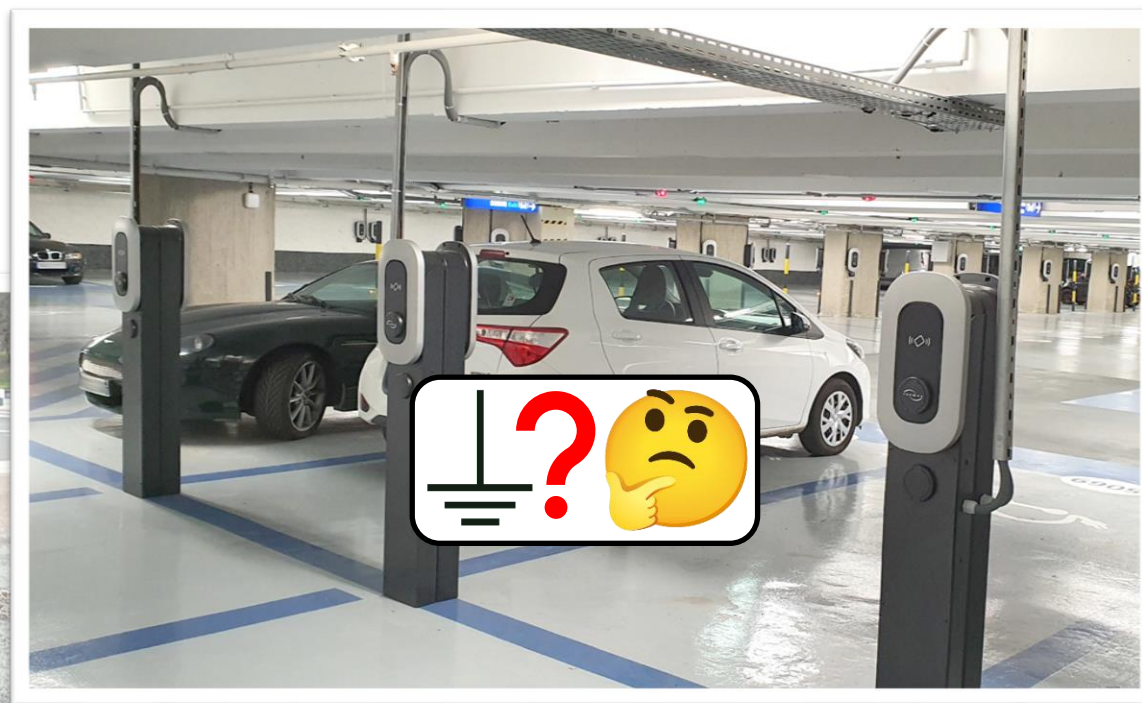
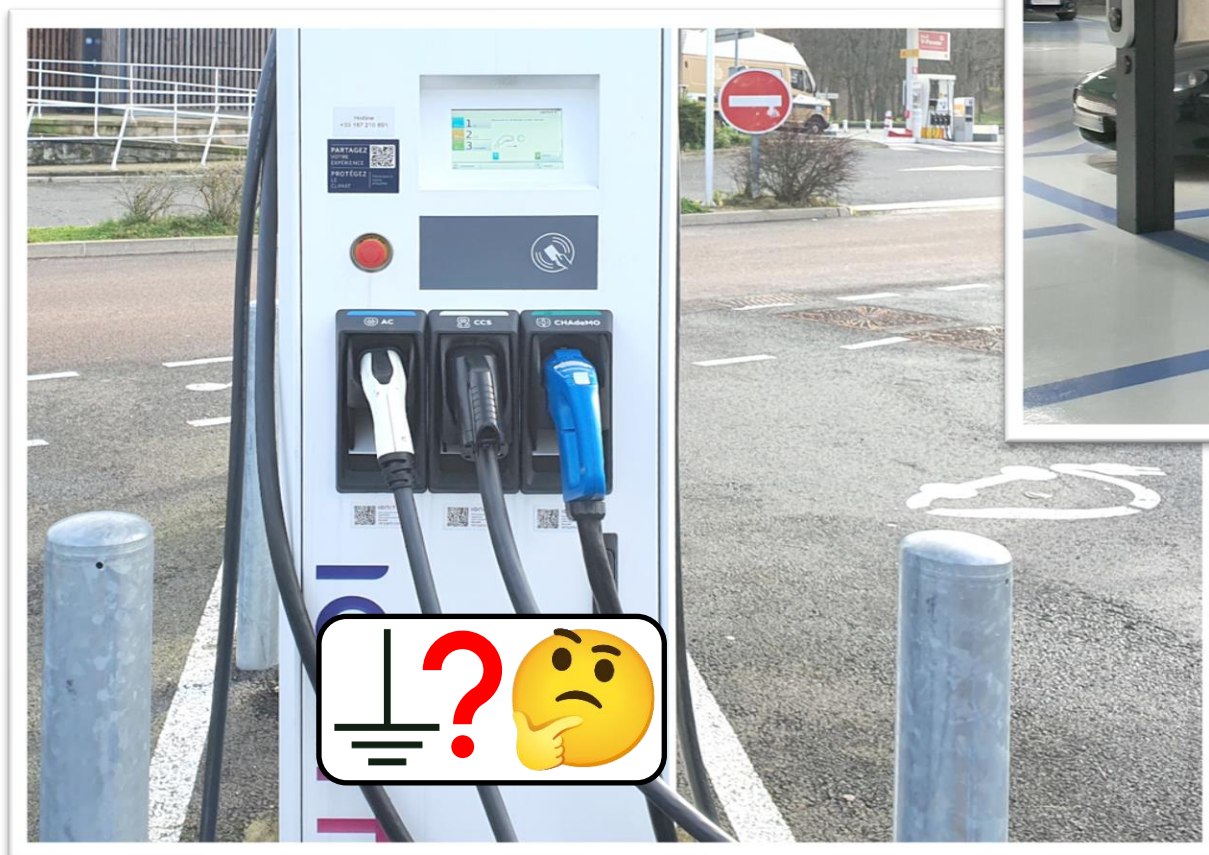
Wheel-e and 406-EVSE



DATA SHEET 1 of 6.

Designation : accessories and devices to measure and check the protective conductor resistance of type 2 and CCS EVSEs.

Applications : to measure and check the protective conductor resistance of type 2 and CCS EVSEs.

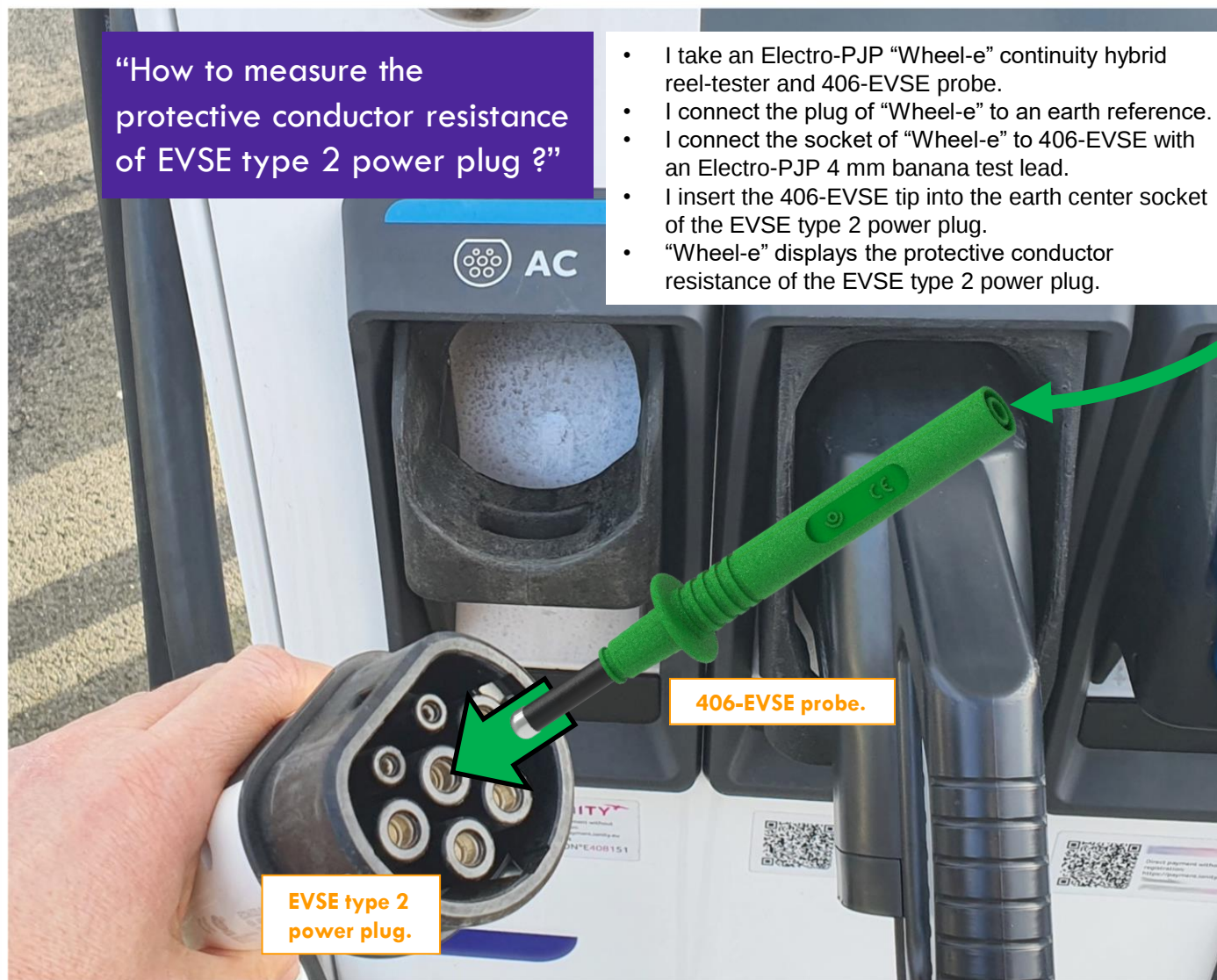


Designation : accessories and devices to measure and check the protective conductor resistance of type 2 and CCS EVSEs.

Applications : to measure and check the protective conductor resistance of type 2 and CCS EVSEs.

“How to measure the
protective conductor resistance
of EVSE type 2 power plug ?”

- I take an Electro-PJP “Wheel-e” continuity hybrid reel-tester and 406-EVSE probe.
- I connect the plug of “Wheel-e” to an earth reference.
- I connect the socket of “Wheel-e” to 406-EVSE with an Electro-PJP 4 mm banana test lead.
- I insert the 406-EVSE tip into the earth center socket of the EVSE type 2 power plug.
- “Wheel-e” displays the protective conductor resistance of the EVSE type 2 power plug.



406-EVSE probe.

EVSE type 2
power plug.



EVSE protective
conductor resistance
measured by Wheel-e.

“Wheel-e” continuity
hybrid reel-tester.

Earth reference.

EVSE continuity checking

Wheel-e
and 406-EVSE



DATA SHEET 3 of 6.

Designation : accessories and devices to measure and check the protective conductor resistance of type 2 and CCS EVSEs.

Applications : to measure and check the protective conductor resistance of type 2 and CCS EVSEs.



EVSE continuity checking

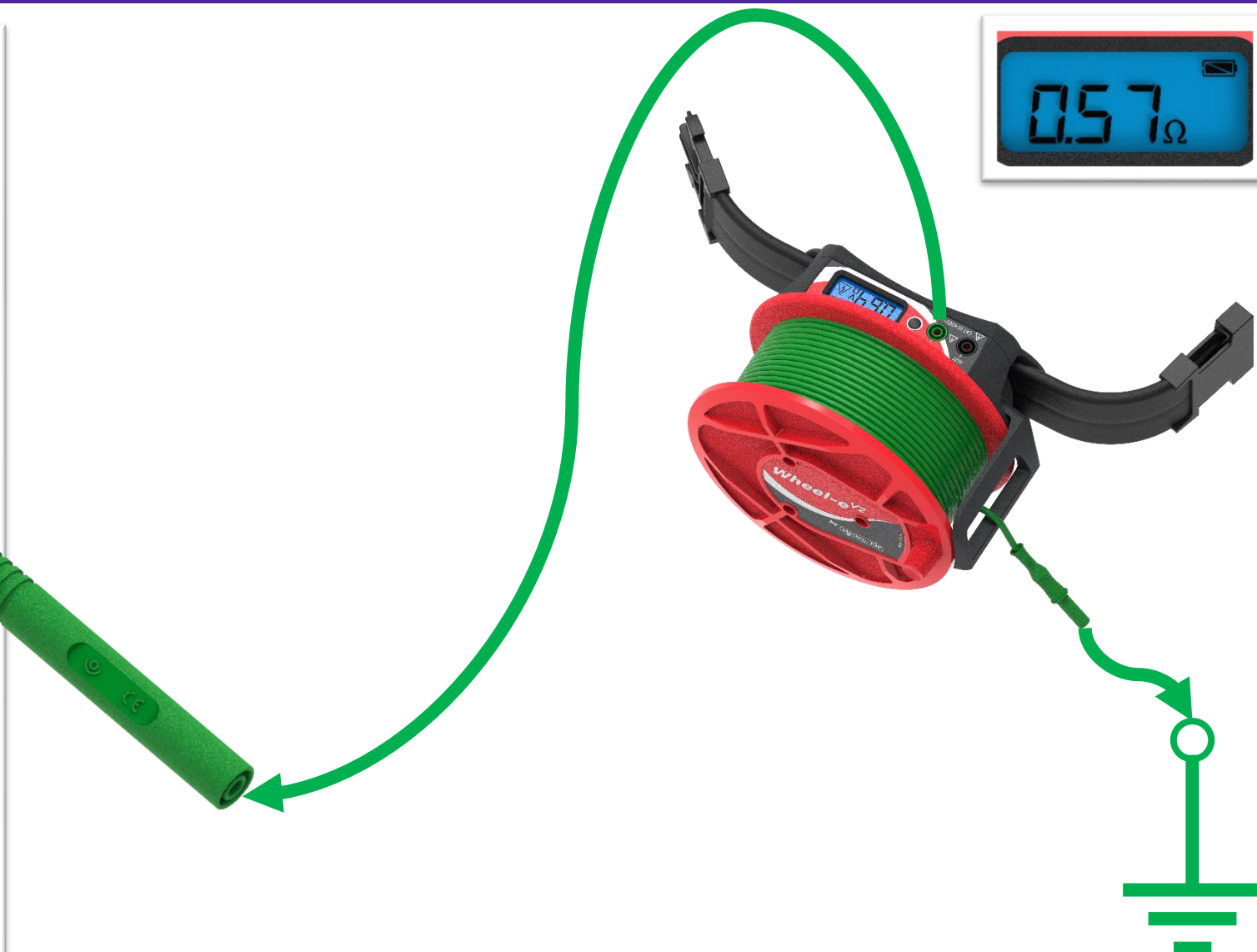
Wheel-e and 406-EVSE



DATA SHEET 4 of 6.

Designation : accessories and devices to measure and check the protective conductor resistance of type 2 and CCS EVSEs.

Applications : to measure and check the protective conductor resistance of type 2 and CCS EVSEs.



406-EVSE



DATA SHEET 5 of 6.

Designation : EVSE type 2 and CCS probe with 4 mm banana female terminal.

Applications : to measure protective conductor resistances and insulation resistances on EVSE type 2 and CCS EVSEs.

EN / IEC 62196-2 tip. Inserts into the earth center socket of EVSE type 2 and CCS female plugs and sockets.



Designation.	EVSE type 2 and CCS probe with 4 mm banana female terminal.
Power socket compliance.	CCS and type 2 female plugs and sockets.
Safety and compliance.	EN / IEC 62196-2 compliant. 1000 V CAT II / 1000 V CAT III / 600 V CAT IV, according to EN / IEC 61010-031.
Dimensions.	120 mm overall length.
Part number.	406-EVSE- <i>Color</i>

The tip complies with the “Conductive charging of electric vehicles” EN / IEC 62196-2 standard. As a result, when the tip is inserted in the earth center socket, it provides a reliable and low electrical resistance without damaging the EVSE earth socket.

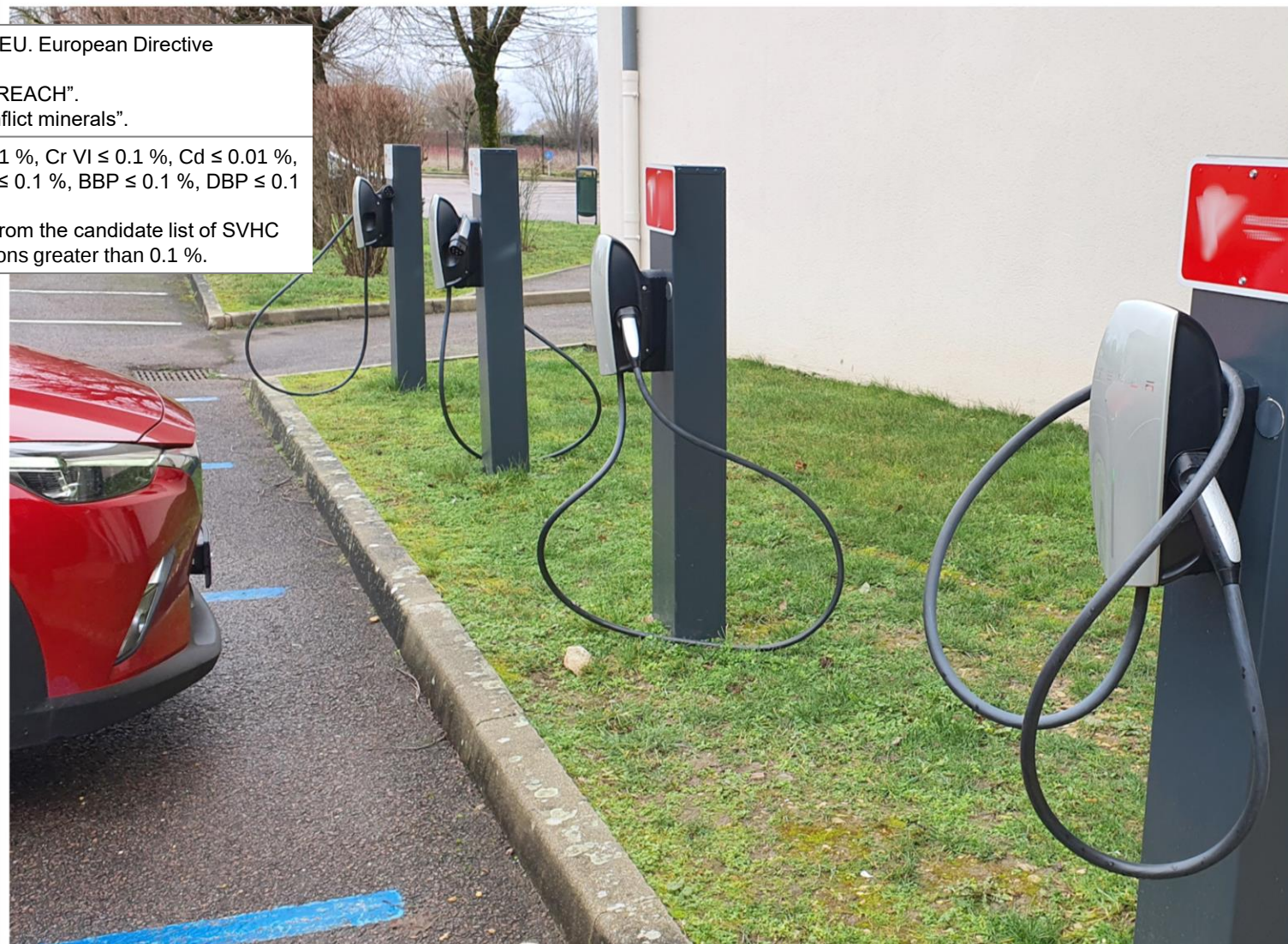
💡 406-EVSE probe is used to measure the protective conductor resistance of EVSE earth socket.
💡 But it is also used to measure the insulation resistance on EVSE type 2 female plugs and sockets, between the earth center socket and the neutral and phase sockets.

4 mm banana female terminal.
Connects to 4 mm banana test leads.

Designation : accessories and devices to measure and check the protective conductor resistance of type 2 and CCS EVSEs.

Applications : to measure and check the earth loop resistance and protective conductor resistance of type 2 and CCS EVSEs.

Conformity	• European Directive "RoHS" 2011/65/EU. European Directive 2015/863/EU. • European regulation n°1907 / 2006 "REACH". • European regulation 2017 / 821 "Conflict minerals".
Environment	• "RoHS" compliant, $Pb \leq 4 \%$, $Hg \leq 0.1 \%$, $Cr VI \leq 0.1 \%$, $Cd \leq 0.01 \%$, $PBB \leq 0.1 \%$, $PBDE \leq 0.1 \%$, $DEHP \leq 0.1 \%$, $BBP \leq 0.1 \%$, $DBP \leq 0.1 \%$, and $DIBP \leq 0.1 \%$. • "REACH" compliant, no substances from the candidate list of SVHC for authorization at mass concentrations greater than 0.1 %.



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