

PRODUCT CARBON FOOTPRINT DECLARATION



Based on EN ISO 14021 (Environmental supplier declarations [type II environmental labeling]) for the functional unit:

Side panel, screw-fastened, sheet steel for VX

Art.No.	CO2eq-Footprint / FU (GWP 100)										
	[kg CO2e/FE]										
	Total	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
8100.245	140,07	130,76	0,13	6,30	0,25	0,78	0,78	0,25	0,02	0,80	-100,56
8102.245	159,16	148,80	0,15	7,52	0,29	0,78	0,78	0,29	0,02	0,51	-120,74
8104.245	60,14	55,19	0,05	2,65	0,10	0,78	0,78	0,10	0,01	0,47	-39,97
8105.245	73,44	67,76	0,07	3,26	0,13	0,78	0,78	0,13	0,01	0,52	-50,06
8106.245	86,73	80,32	0,08	3,87	0,15	0,78	0,78	0,15	0,02	0,58	-60,15
8108.245	113,32	105,46	0,10	5,09	0,20	0,78	0,78	0,20	0,02	0,69	-80,33
8115.245	46,08	41,93	0,04	2,04	0,08	0,78	0,78	0,08	0,01	0,35	-30,39
8120.245	153,33	143,28	0,14	6,91	0,27	0,78	0,78	0,27	0,02	0,86	-110,46
8122.245	174,58	163,37	0,17	8,25	0,32	0,78	0,78	0,32	0,02	0,56	-132,64
8126.245	94,47	87,62	0,09	4,23	0,16	0,78	0,78	0,16	0,02	0,63	-66,06
8128.245	124,05	115,60	0,11	5,57	0,22	0,78	0,78	0,22	0,02	0,75	-88,24
8145.245	52,87	48,33	0,05	2,34	0,09	0,78	0,78	0,09	0,01	0,39	-35,30
8165.245	59,63	54,72	0,05	2,65	0,10	0,78	0,78	0,10	0,01	0,44	-40,22
8166.245	70,43	64,93	0,06	3,14	0,12	0,78	0,78	0,12	0,01	0,48	-48,32
8168.245	93,87	87,18	0,09	4,11	0,16	0,78	0,78	0,16	0,02	0,58	-64,51
8170.245	54,14	49,54	0,05	2,40	0,09	0,78	0,78	0,09	0,01	0,39	-36,49
8173.245	37,85	34,16	0,03	1,67	0,06	0,78	0,78	0,06	0,01	0,29	-24,66
8175.245	70,39	64,92	0,06	3,14	0,12	0,78	0,78	0,12	0,01	0,46	-48,69
8176.245	86,85	80,49	0,08	3,87	0,15	0,78	0,78	0,15	0,02	0,54	-60,95
8184.245	54,58	49,94	0,05	2,40	0,09	0,78	0,78	0,09	0,01	0,43	-36,05
8185.245	66,61	61,31	0,06	2,95	0,11	0,78	0,78	0,11	0,01	0,48	-45,14
8186.245	78,58	72,63	0,07	3,50	0,14	0,78	0,78	0,14	0,01	0,53	-54,23
8188.245	104,86	97,57	0,10	4,60	0,18	0,78	0,78	0,18	0,03	0,64	-72,42

Life cycle phase:

A1: Provision of raw materials
 A2: Transport to manufacturer
 A3: Manufacturing
 A4: Transport to customer
 A5: Installation

C1: Deconstruction, demolition
 C2: Transport to waste center
 C3: Waste management
 C4: Disposal, depositing
 D: Recycling, Benefits

- The 'cradle to grave' system boundaries were analyzed.
- A functional unit consists of two side panels including packaging
- Production site: Rittershausen, Germany.
- A standard market cut-off criterion of 7% was set, which was deemed appropriate for this analysis.
- The period of validity for which the quantified PCF is representative begins April 2025 and is five years.

PRODUCT CARBON FOOTPRINT DECLARATION



Legal Notice

This Product Carbon Footprint (PCF) statement has been prepared in accordance with the standard EN ISO 14021:2021, which defines requirements for Type II environmental labels (self-declared environmental claims). The information is based on internal calculations and data sources that have been selected and applied to the best of our knowledge and belief. The calculation methodology is based on recognized standards for greenhouse gas accounting of products, particularly ISO 14067 and the GHG Protocol Product Standard, as far as compatible with EN ISO 14021.

Scope and System Boundaries: The calculation includes the life cycle phases defined in the supplier declaration. Deviations or limitations (e.g., exclusion of certain phases or data gaps) are transparently presented in the declaration.

Data Sources and Assumptions: The data used comes from publicly accessible databases, supplier information, and internal operational data. Despite careful selection, no guarantee can be given for complete accuracy, timeliness, or completeness.

Disclaimer: This statement is a voluntary, non-verified supplier declaration and is for information purposes only. It does not claim external certification or third-party verification. Liability for damages arising from the use of or reliance on this information is excluded.

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