



Product Service

CERTIFICATE

No. Z1A 026000 0056 Rev. 00

Holder of Certificate: **Deuter Sport GmbH**

Daimlerstr. 23
86368 Gersthofen
GERMANY

Certification Mark:



Product:

**Personal Protective Equipment against burying
in a snow avalanche**

Alpride E2 System

Tested according to:

DIN EN 16716:2017
AfPS GS 2019:01 PAK

With this certificate, in its capacity as a notified GS body, TÜV SÜD Product Service GmbH issues the GS Mark to the named certificate holder for the declared product with the named model designation in accordance with section 20 ProdSG (German Product Safety Act). The product meets the safety and health requirements of section 20 (3) ProdSG. The manufacturer is reminded of their obligations in accordance with section 24 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition, the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 713220131

Valid until: 2027-05-11

Date, 2022-05-12

(Matthias Völz)

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Model(s): **DEUTER Alproof Lite 20 SL**
 DEUTER Alproof Lite 22
 DEUTER Alproof 30 SL
 DEUTER Alproof 32

Parameters:

Product:	Alpride Avalanche Airbag System E2; Electric driven avalanche airbag system in snow avalanche airbag backpack;
in backpack models:	-DEUTER Alproof Lite 20SL: 20 litres backpack volume; short length; -DEUTER Alproof Lite 22: 22 litres backpack volume; -DEUTER Alproof 30SL: 30 litres backpack volume; short length; -DEUTER Alproof 32: 32 litres backpack volume;
Function Principle:	An airbag which improves buoyancy and floatability in a floating snow avalanche, what improves the probability of staying on the surface significantly (effect of inverse segregation). Activation of airbag filling by the user via pulling a release handle, what activates via steel wire cable and switch the motor of the fan, which blows air into airbag bladder;
Airbag volume:	162 liters;
Filling principle:	electric motor driven fan blows air in airbag bladder; energy submitted via supercapacitors which can be charged via Mini-USB or 2 AA-batteries.
Marking:	-on the backpack: model; manufacturing date; CE-marking, "read instructions"-logo; manufacturer address; folding instruction; information how to install and detach airbag system; warning, to install airbag device before avalanche terrain; information about which airbag-system to use; -on the airbag: Manufacturer with address; CE marking, "read instructions"-logo; web-link for user's manual; -on the inflator: Manufacturer; AA-battery direction; "on-off" on switch; LED Display;
Backpacks:	for cross country skiing/ snowboarding with airbag stuffed in an extra chamber at the upper backpack frame; main bag contents ejector in fabric cover with zippers; fixation buckles and slings for skis, snowboards, helmet and ice tools; storage for probe and shovel; aluminium plug-in buckle at hip belt; aluminium buckles at shoulder straps, plastic chest strap buckle and aluminium leg loop buckle and leg loop carabiner; one size;
Weight:	Alpride E2 System: 1145 g (without 2 AA-batteries, without backpack);

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undeployed airbag system with inflator unit and unpacked/ packed airbag



inflator unit



deployed airbag backpack

Backpack models:

-DEUTER Alproof Lite 20SL:



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-DEUTER Alproof Lite 22:



-DEUTER Alproof 30SL:



-DEUTER Alproof 32:

