

# No chance for water and dust

ZARGES K 470, now dustproof and protected against water jets in accordance with protection class IP 65



ZARGES Universal container K470



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## ZARGES K 470 IP 65 universal containers set new standards when it comes to sealing

Up to now, the cases were equipped with reliable protection against dust and splashwater as standard. The new K 470 IP 65 can now be used wherever you need that little bit more, increased protection against moisture, water jets and dust.



→ Protection to class IP 65 was achieved with a peripheral silicone seal and an optimised lid seal.

The K 470 IP 65 was subjected to rigorous testing by TÜV SÜD and certified impervious to dust and water jets.



→ The automatic pressure relief valve ensures that the lid still opens reliably even after changes in air pressure. A Gore™ membrane ensures continuous compensation of differences in pressure and is impervious to dust, salts, water and other liquids. And as the valve is automatic, handling errors can be ruled out.



→ With just a few exceptions, the optional seal is available for all K 470 catalogue sizes. In addition, you can choose the combination of the new equipment with additional UN approval for the transport of hazardous goods.

→ **When placing an order, please add "IP 65" after the Order No.**



## ZARGES Universal container K 470

### Test certificates K 470



#### ➔ Tried and tested

For decades, customers from all over the world have relied on the tried and tested quality of the K 470 universal containers, which represent the competence and long-standing experience of the ZARGES logistics experts.

And ZARGES commissions regular testing to ensure that this trust is fully justified – after all, proof is proof.

The result: In a wide variety of tests, numerous well-known test institutes confirmed the top quality of the K 470 models.

These institutes included:

- BAM (Federal Institute for Materials Research and Testing, Berlin)
- TÜV SÜD (Munich)
- IABG Ottobrunn (near Munich)
- BWB (Federal Office of Defense Technology and Procurement, Koblenz)
- Dayton T. Brown (Bohemia, Long Island NY, USA)
- and many more



## Extract from testing and certification



### MIL-STD-810 G method 506.5 Rain – Procedure I – rain and blowing

- Wind speed 18 m/s.
- Rain intensity 100 mm/h.
- Duration of test at least 30 minutes per side.

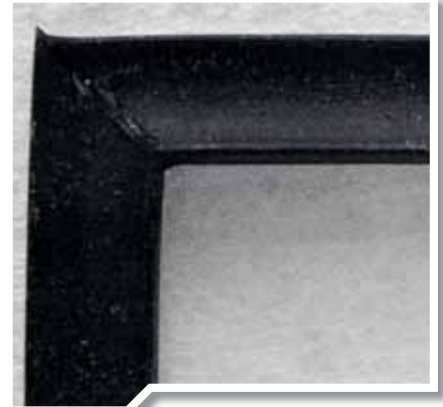


### MIL-STD-810 G – method 510.5 Sand and Dust – Procedure I – Blowing dust:

- Wind speed 8.9 m/s.
- Dust density:  $10.6 \pm 7 \text{ g/m}^3$ .
- Particle size  $\leq 149 \mu\text{m}$ .
- Duration of test  $2 \times 6 \text{ h}$ .



K470 after dust-tightness test.



**MIL-STD-810 G method 509.4  
Salt Fog Test**

- Duration of test 96 hours.
- Temperature 35°C.

**Resistance to mildew  
as per MIL-STD-810 F  
method 508.5 – Fungus**

- Duration of test 28 days.

**Approval for the transport of hazardous goods, packaging group I  
in accordance with ADR / RID / IATA-DGR and IMBG Code**

Type testing comprises at least the following tests:

- Drop test from a height of 1.80 m onto a rigid impact surface.
- Stacking pressure test, simulation of a pressure load at least equivalent to 3.00 m stacking height over at least 24 hours.
- Dart drop test in which a rod Ø 32 mm with a hemispherical end and weighing 6 kg is dropped centrally onto the weakest point of the test specimen from a height of 1.00 m.



Drop test from a height of 1.80 m



Stack load of 2100 kg