

Filterpacks G4 – F5

Applications

SK 100 and ZH 120 for the final filtration in older paint-spray systems.

AL 200 and UG 300 as high temperature ceiling filter cassettes in dry systems.

Filter class EN779

SK100	F5 (EU5)
ZH120	F5 (EU5)
AL200	F5 (EU5)
UG300	G4 (EU4)

Material characteristics

- tested according to EN779
- flame resistance according to DIN53438, F1
- humidity resistance up to 100% r. F.
- temperature resistance
 - SK100 up to 100°C
 - ZH120 up to 120°C
 - AL200 up to 200°C
 - UG300 up to 300°C
- out of silicon

Versions

- SK100 dimension: 480 X 480 X 14mm
- ZH120 dimension: 480 X 480 X 20mm
- AL200 dimension: 480 X 480 X 14mm
- UG300 dimension: 480 X 480 X 14mm
- special dimensions:
 - 610 x 610 x 14 mm
 - 595 x 595 x 14 mm
 - 500 x 500 x 14 mm
 - 240 x 480 x 14 mm



SK100

Rigid cardboard framework, high-quality glass fiber or synthetic filtering medium.

ZH120

Flexible cardboard framework (squeezing framework), high-quality glass fiber or synthetic filtering medium.

AL200

High-quality glass fiber medium, clean-air-lagerally with covering fleece, set in an aluminium expanded metal.

UG300

High-quality glass fiber medium, clean-air-laterally with covering fleece, set in an aluminium expanded metal.

VOLZ – high temperature filterpacks AL200 and UG300

Efficient ceiling filters, which worked satisfactorily in the car manufacturer and painting industry.

VOLZ - filterpacks SK100 and ZH120

High-quality ceiling filter cassettes, which are used in older paint-booth systems (Hildebrand etc.).

With plants of newer construction large surface filter mats (e.g. VOLZ V600G) are used for final filtration.

Own production

The cardboard frameworks, the aluminium expanded metal and synthetic filter mediums originate from our own production. All components are manufactured in our plants.

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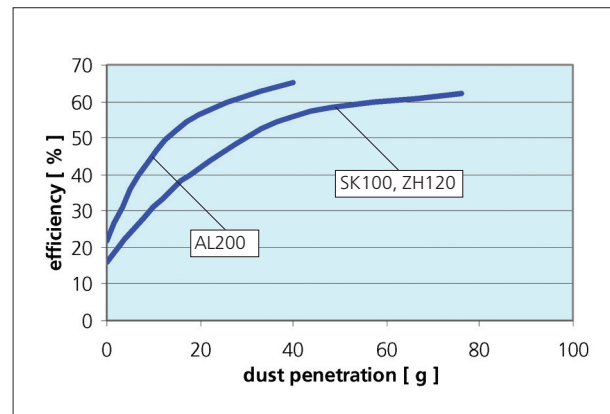
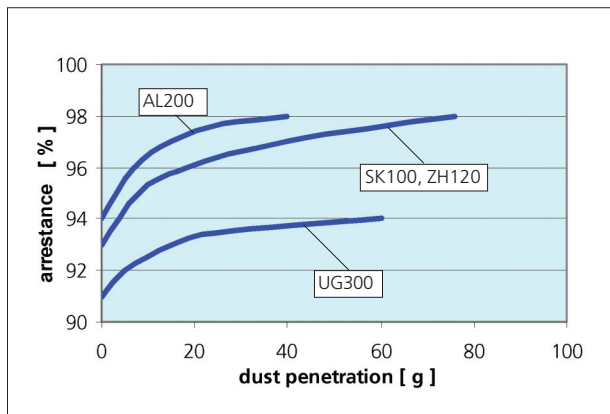
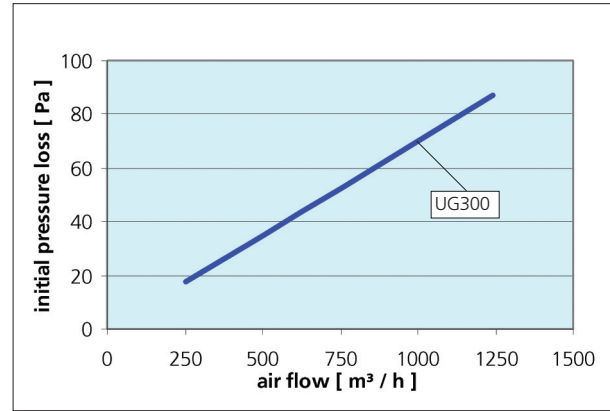
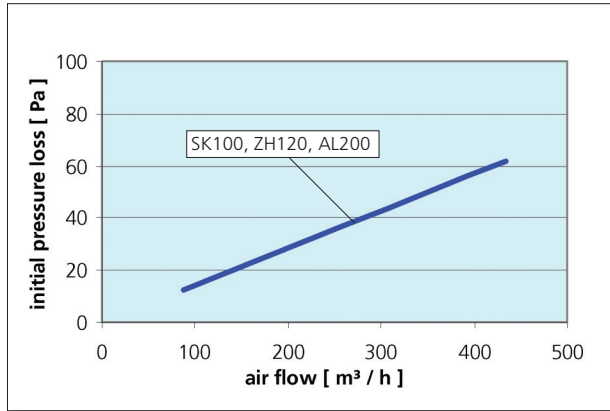
VOLZ Luftfilter
 Robert-Bosch-Straße 25
 D-72160 Horb (Bildechingen)
 Germany

Telefon +49 (0)7451 55 16 - 0
 Telefax +49 (0)7451 55 16 - 900
 Internet www.volz-luftfilter.de
 E-Mail info@volz-luftfilter.de

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Filterpacks G4 – F5 SK 100, ZH 120, AL 200, UG 300

Filter technical test datas *



specification	material thickness approx. mm	rated air flow m³/h	air velocity m/s	initial pressure loss Pa	middle arrestance %	middle efficiency %	final pressure loss Pa	dust holding capacity g	filter class
SK 100	14	350	0,4	50	98	53	250	76	F5
ZH 120	20	350	0,4	50	98	53	250	76	F5
AL 200	14	350	0,4	50	98	56	250	40	F5
UG 300	14	1000	1,2	70	93	< 20	250	60	G4

Indications:

Tested according to EN779.

Dimension of the tested datas 480 X 480mm

* With indicated test datas it gives average values with tolerances due to variations of the production.

For the correct of the datas it will require the express, written confirmation in individual cases by Volz Luftfilter.

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VOLZ Luftfilter
Robert-Bosch-Straße 25
D-72160 Horb (Bildechingen)
Germany

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Telefax +49 (0)7451 55 16 - 900
Internet www.volz-luftfilter.de
E-Mail info@volz-luftfilter.de

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