

Part 3.1: Installation accessories

Wolf® Sealing elements / valve & SealingBags



SEALING: APPLICATION

Wolf® Sealing elements / valve & SealingBags: For retro-sealing the space between an outer conduit and cable(s) or duct(s) against gas diffusion and 5 m water column.

Notes on use

For reliable retro-sealing of empty or occupied conduits, the following information is required and **in some cases, installation accessories:**

1. Inner Ø of the outer protective conduit
2. Number and Ø of multiple cable entries in the conduit
3. Distribution of the cable entries
4. Number and outer Ø of cables and/or ducts

Please note: minimum sealing area:

The specified min. configuration for the sealing area (see label or Table 1) must always be reached. Otherwise, a dummy tube plug must be inserted.

More than 1 cable per duct : A gap seal is absolutely necessary

5. Sealing areas and filling pressure **MA 05 Part 2.1**

COMPONENTS

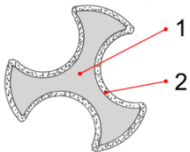
Sealing element with a valve or Sealing Bag

Product group 16.*	Product group 20.* or 19.*
16.3 + 16.4 ZKAK/V L 40 – 300 16.x QAK/V L 40 – 300 Temperature range: -30 °C - +45 °C (+70 °C*) * for a short period (4 h)	20.1 + 20.2 SQAD/V L 40 – 150 20.3 + 20.4 ZKAD/V L 40 - 150 20.5 + 20.6 QADE/V L 40 – 150 19.3 SealingBag ZKSB L40 – L150 Temperature range: -15 °C bis +30 °C (+45 °C*) * for a short period (4 h)

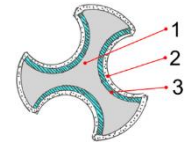
ACCESSORIES FOR GAP-SEALING, IN THE CASE OF MORE THAN ONE CABLE OR DUCT

No. 1

3 cables per duct: PP Sealing and spacer insert coated with swelling material



Sketch A



Sketch B

Letter symbol:

- 1 ADS-3K
- 2 QV-DBK
- 3 EPDM

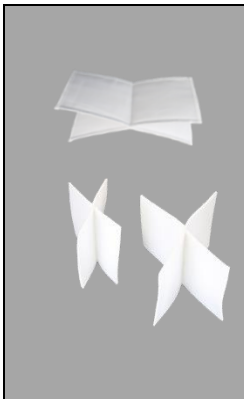
Art. No.	3-chambers: notch-Ø [mm]	
	Cable	Bundle*
22.9 QV-ADS-3K-50	50 - 48	127
22.9 QV-ADS-3K-45	45 - 43	97
22.9 QV-ADS-3K-40	40 - 38	84
	Supplied with 1 layer of EPDM + additional 1 layer of 22.2 QV-DBK 4.2 x 50/... [sketch B]	
22.9 QV-ADS-3K-32	34 - 32	96
22.9 QV-ADS-3K-28	28 - 26	81

* Diameter measured over the three-layer coating – total diameter of the bundle.
This diameter may not exceed the ideal duct configuration value given above for each sealing element type. If there are fewer than 3 cables or tubes, a dummy tube plug must be added.

Nr. 2

2 - 4 cables per duct: Wolf-® cable separator

f.ex. types Art.-No. 22.5 QV-MADS, QV-EADS or SQ-ADS



Art.-Nr. Art.-No.	Abmessung (DxBxL) dimension (TxWxL) [mm]	Kabel-AD cable –OD	
		[mm]	[in.]
23.25 SQ-ADS-1	1,3 x 100 x 100	≤ 50	2.0
22.5 QV-EADS K30	2,0 x 85 x 100	6 – 30	0.24 – 0.18
22.5 QV-MADS	2,0 x 50 x 100	< 15	< 0.6
22.5 QV-MADS	2,0 x 70 x 100	15 – 25	0.6 – 1.0
22.5 QV-MADS	4,2 x 50 x 100	< 25	< 1.0
22.5 QV-MADS	4,2 x 70 x 100	15 – 50	0.6 – 2.0

.../ ACCESSORIES FOR GAP-SEALING, IN THE CASE OF MORE THAN ONE CABLE OR DUCT

No. 3

2 - 4 cables per duct: WOLF® swelling sealing strip



Art. No.	thickness [mm]	width [mm]	length [m]
Non-woven swelling sealing strip			
22.1 QV-DB 2,0 x 100 / 10	2.0	100	10
22.1 QV-DB 4,2 x 100 / 10	4.2	100	10
SAP sealing strip			
27.01 SQB-V1-100/ 25	≤ 15	100	25
27.01 SQB-V1-100/ 10 bl	≤ 15	100	10
27.01 SQB-V2-100/ 25	≤ 30	100	25
27.01 SQB-V2-100/ 12,5	≤ 30	100	12,5

ACCESSORY FOR WHEN THE MINIMUM REQUIRED CONFIGURATION AREA IS NOT REACHED

No. 4

Cellular rubber sealing tape, self-adhesive

For wrapping round cables and ducts during duct sealing.
Sealing cushion refurbishment.



Art. No.	Dimensions thickness x width [mm]	Length [m]
24.2 ZK-DBK 2.0 x 50/10 m	2.0 x 50	10
24.2 ZK-DBK 3.0 x 50/10 m	3.0 x 50	10
24.2 ZK-DBK 3.0 x 135/10 m	3.0 x 135	10

No. 5

Dummy tube plug, coated with cellular rubber:



Art. No.	Abmessungen	
	Ø DN [mm]	Ø x Länge [mm]
32.01 DRS-ZK 50	50	56 62 x 250

INFLATION

No. 6a



compressor, e.g.

Compressor with pressure preset, auto shut-off and separate 1.5 Ah Li-Ion battery. Multivolt 1A fast charger 230 V. Absolutely necessary: manometer 0-4 bar. The filling capacity must not exceed 20 l/min.

Art. No. 33 BDC-S
(set contents: No. 7a & 7b)

No. 6b

33 E-VAS-3000



33 EMS-150



Filling tool (extension nozzle):

Length 3 m, for use in combination with filling adapter EMS-150 and automatic fill-stop No. 8

Examples
Art. No. 33 EMS-150
Art. No. 33 E-VAS-3000

No. 7



Automatic fill-stop: – essential for sealing element types 40 bis 60

Art. No. 33 DB VG8-M8

No. 8



ONLY for Sealing Bags: For connecting the filling tube on Sealing Bag to the air chuck of the compressor pressure tube.

Art. No. 19.5 SSB-A Filling adapter

No. 9



ONLY for Sealing Bags: Single-die crimping tool, with automatic lock.

For deforming the crimp ferrules. Full service lifetime is only guaranteed if this original crimping tool is used.

Art. No. 19.5 BC Single-die crimping tool

CONTACT

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