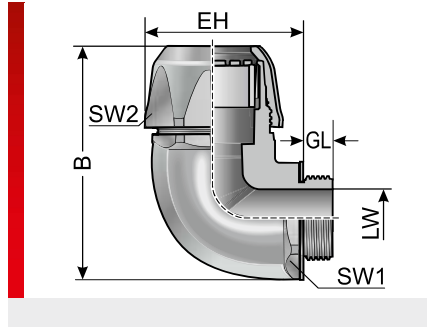


Type VW 90° (plastic thread)



PRODUCT INFORMATION

The VW 90° conduit fittings are made of specially modified polyamide 6 and thermo-plastic elastomer. The materials are halogen, phosphor and cadmium-free.

The VW 90° conduit fittings feature the following advantages:

- Quick assembly, insert conduit, screw upper part tight, done
- No parts can get lost, delivered completely assembled

- Resistant to vibration due to lockable cap nut
- Clamping along entire circumference, ensuring maximum tensile strength.
- High level of tightness at IP 68/69K to 6 bar without any add-on components to EN 60529

Specification:

- EN 45545-2 3x HL3

SPECIFICATIONS

- 40 – 110 °C short term 140 °C
- Fitting: Mod. polyamide PA 6
Connecting thread: Mod. polyamide PA 6
- Acc. to UL94 V0 self-extinguishing
- IP 68 up to 6 bar (IP 69K)



Type	Order No.	Colour	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	B mm	SW 1 / 2 mm	Pack qty.
Metric plastic thread										
VW 90 M12-K ¹⁾	83515052	Black	M12x1.5	M12/P09	29.00	12.00	7.20	45.00	21.0 / 21.0	50
VW 90 M16-K ¹⁾	83515054	Black	M16x1,5	M16/P11	35.00	12.00	10.50	55.00	27.0 / 27.0	50
VW 90 M20-K ¹⁾	83515056	Black	M20x1.5	M20/P16	45.00	13.00	14.70	67.00	34.0 / 34.0	50
VW 90 M25-K ¹⁾	83515058	Black	M25x1.5	M25/P21	55.00	13.00	18.70	78.00	41.0 / 41.0	25
VW 90 M32-K ¹⁾	83515060	Black	M32x1.5	M32/P29	65.00	15.00	25.50	92.00	50.0 / 50.0	25
VW 90 M40-K ²⁾	83515062	Black	M40x1.5	M40/P36	75.00	17.00	33.00	109.00	60.0 / 60.0	25
VW 90 M50-K ¹⁾	83515064	Black	M50x1.5	M50/P48	93.00	17.00	42.00	134.00	75.0 / 75.0	10
Pg plastic threading										
VW 90 P9-K ¹⁾	83515452	Black	Pg 09	M12/P09	29.00	12.00	7.20	45.00	21.0 / 21.0	50
VW 90 P11-K ¹⁾	83515454	Black	Pg 11	M16/P11	35.00	12.00	10.50	55.00	27.0 / 27.0	50
VW 90 P16-K ¹⁾	83515456	Black	Pg 16	M20/P16	45.00	13.00	14.70	67.00	34.0 / 34.0	50
VW 90 P21-K ¹⁾	83515458	Black	Pg 21	M25/P21	44.00	13.00	18.70	78.00	41.0 / 41.0	25
VW 90 P29-K ¹⁾	83515460	Black	Pg 29	M32/P29	65.00	14.00	25.50	92.00	50.0 / 50.0	25
VW 90 P36-K ²⁾	83515462	Black	Pg 36	M40/P36	75.00	17.00	33.00	109.00	60.0 / 60.0	25
VW 90 P48-K ¹⁾	83515464	Black	Pg 48	M50/P48	93.00	17.00	42.00	134.00	75.0 / 75.0	10

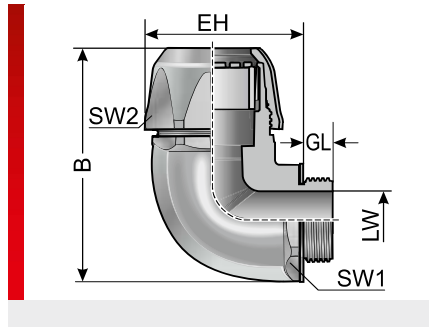
Type VW 90° (plastic thread) (Continued...)

Type	Order No.	Colour	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	B mm	SW 1 / 2 mm	Pack qty.
VW 90 P9-K ¹⁾	83515412	Grey	Pg 09	M12/P09	29.00	12.00	7.20	45.00	21.0 / 21.0	50
VW 90 P11-K ¹⁾	83515414	Grey	Pg 11	M16/P11	35.00	12.00	10.50	55.00	27.0 / 27.0	50
VW 90 P16-K ¹⁾	83515416	Grey	Pg 16	M20/P16	45.00	13.00	14.70	67.00	34.0 / 34.0	50
VW 90 P21-K ¹⁾	83515418	Grey	Pg 21	M25/P21	44.00	13.00	18.70	78.00	41.0 / 41.0	25
VW 90 P29-K ¹⁾	83515420	Grey	Pg 29	M32/P29	65.00	14.00	25.50	92.00	50.0 / 50.0	25
VW 90 P36-K ²⁾	83515422	Grey	Pg 36	M40/P36	75.00	17.00	33.00	109.00	60.0 / 60.0	25
VW 90 P48-K ¹⁾	83515424	Grey	Pg 48	M50/P48	93.00	17.00	42.00	134.00	60.0 / 60.0	10
NPT plastic threading										
VW 90 N 3/8"-K ¹⁾	83515850	Black	3/8"	M16/P11	35.00	12.00	10.50	55.00	25.0 / 25.0	50
VW 90 N 1/2"-K ¹⁾	83515852	Black	1/2"	M20/P16	45.00	13.00	14.60	67.00	34.0 / 34.0	50
VW 90 N 3/4"-K ¹⁾	83515854	Black	3/4"	M25/P21	55.00	14.00	18.70	78.00	41.0 / 41.0	25
VW 90 N 1"-K ¹⁾	83515856	Black	1"	M32/P29	65.00	14.00	25.60	92.00	50.0 / 50.0	25
VW 90 N 1 1/4 -K ²⁾	83515858	Black	1 1/4"	M40/P36	75.00	18.00	33.00	109.00	60.0 / 60.0	25
VW 90 N 2"-K ¹⁾	83515860	Black	2"	M50/P48	93.00	18.00	42.00	134.00	75.0 / 75.0	10
VW 90 N 3/8"-K ¹⁾	83515810	Grey	3/8"	M16/P11	35.00	12.00	10.50	55.00	25.0 / 25.0	50
VW 90 N 1/2"-K ¹⁾	83515812	Grey	1/2"	M20/P16	45.00	13.00	14.60	67.00	34.0 / 34.0	50
VW 90 N 3/4"-K ¹⁾	83515814	Grey	3/4"	M25/P21	55.00	14.00	18.70	78.00	41.0 / 41.0	25
VW 90 N 1"-K ¹⁾	83515816	Grey	1"	M32/P29	65.00	14.00	25.60	92.00	50.0 / 50.0	25
VW 90 N 1 1/4 -K ²⁾	83515818	Grey	1 1/4"	M40/P36	75.00	18.00	33.00	109.00	60.0 / 60.0	25
VW 90 N 2"-K ¹⁾	83515820	Grey	2"	M50/P48	93.00	18.00	42.00	134.00	75.0 / 75.0	10

¹⁾With cURus- approval

²⁾With CSA- and cURus- approval

Type VW 90° (metal thread)



PRODUCT INFORMATION

The VW 90° conduit fittings are made of specially modified polyamide 6, thermo-plastic elastomer and nickel-plated brass. The materials are halogen, phosphor and cadmium-free.

The VW 90° conduit fittings feature the following advantages:

- Quick assembly, insert conduit, screw upper part tight, done
- No parts can get lost, delivered completely assembled

- Resistant to vibration due to lockable cap nut
- Clamping along entire circumference, ensuring maximum tensile strength.
- High level of tightness at IP 68/69K to 6 bar without any add-on components to EN 60529

Specification:

- EN 45545-2 3x HL3

SPECIFICATIONS

- 40 – 110 °C short term 140 °C
- Fitting: Mod. polyamide PA 6
Connecting thread: Mod. polyamide PA 6
- Acc. to UL94 V0 self-extinguishing
- IP 68 up to 6 bar (IP 69K)



Type	Order No.	Colour	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	B mm	SW 1 / 2 mm	Pack qty.
Metric metal thread										
VW 90 M12-M ¹⁾	83515252	Black	M12x1.5	M12/P09	29.00	12.00	7.20	45.00	21.0 / 21.0	50
VW 90 M16-M ¹⁾	83515254	Black	M16x1,5	M16/P11	35.00	12.00	10.50	55.00	27.0 / 27.0	50
VW 90 M20-M ¹⁾	83515256	Black	M20x1.5	M20/P16	45.00	13.00	14.70	67.00	34.0 / 34.0	50
VW 90 M25-M ¹⁾	83515258	Black	M25x1.5	M25/P21	55.00	13.00	18.70	78.00	41.0 / 41.0	25
VW 90 M32-M ¹⁾	83515260	Black	M32x1.5	M32/P29	65.00	14.00	25.50	92.00	50.0 / 50.0	25
VW 90 M40-M ²⁾	83515262	Black	M40x1.5	M40/P36	75.00	17.00	33.00	109.00	60.0 / 60.0	25
VW 90 M50-M ¹⁾	83515264	Black	M50x1.5	M50/P48	93.00	17.00	42.00	134.00	75.0 / 75.0	10
Pg metal thread										
VW 90 M12-M ¹⁾	83515212	Grey	M12x1.5	M12/P09	29.00	12.00	7.20	45.00	21.0 / 21.0	50
VW 90 M16-M ¹⁾	83515214	Grey	M16x1,5	M16/P11	35.00	12.00	10.50	55.00	27.0 / 27.0	50
VW 90 M20-M ¹⁾	83515216	Grey	M20x1.5	M20/P16	45.00	13.00	14.70	67.00	34.0 / 34.0	50
VW 90 M25-M ¹⁾	83515218	Grey	M25x1.5	M25/P21	55.00	13.00	18.70	78.00	41.0 / 41.0	25
VW 90 M32-M ¹⁾	83515220	Grey	M32x1.5	M32/P29	65.00	14.00	25.50	92.00	50.0 / 50.0	25
VW 90 M40-M ²⁾	83515222	Grey	M40x1.5	M40/P36	75.00	17.00	33.00	109.00	60.0 / 60.0	25
VW 90 M50-M ¹⁾	83515224	Grey	M50x1.5	M50/P48	93.00	17.00	42.00	134.00	75.0 / 75.0	10
VW 90 P9-M ¹⁾	83515652	Black	Pg 09	M12/P09	29.00	12.00	7.20	45.00	21.0 / 21.0	50
VW 90 P11-M ¹⁾	83515654	Black	Pg 11	M16/P11	35.00	12.00	10.50	55.00	27.0 / 27.0	50
VW 90 P16-M ¹⁾	83515656	Black	Pg 16	M20/P16	45.00	13.00	14.70	67.00	34.0 / 34.0	50
VW 90 P21-M ¹⁾	83515658	Black	Pg 21	M25/P21	55.00	14.00	18.70	78.00	41.0 / 41.0	25
VW 90 P29-M ¹⁾	83515660	Black	Pg 29	M32/P29	65.00	14.00	25.50	92.00	50.0 / 50.0	25
VW 90 P36-M ²⁾	83515662	Black	Pg 36	M40/P36	75.00	17.00	33.00	109.00	60.0 / 60.0	25
VW 90 P48-M ¹⁾	83515664	Black	Pg 48	M50/P48	93.00	17.00	42.00	134.00	75.0 / 75.0	10

Type VW 90° (metal thread) (Continued...)

Type	Order No.	Colour	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	B mm	SW 1 / 2 mm	Pack qty.
VW 90 P9-M ¹⁾	83515612	Grey	Pg 09	M12/P09	29.00	12.00	7.20	45.00	21.0 / 21.0	50
VW 90 P11-M ¹⁾	83515614	Grey	Pg 11	M16/P11	35.00	12.00	10.50	55.00	27.0 / 27.0	50
VW 90 P16-M ¹⁾	83515616	Grey	Pg 16	M20/P16	45.00	13.00	14.70	67.00	34.0 / 34.0	50
VW 90 P21-M ¹⁾	83515618	Grey	Pg 21	M25/P21	55.00	14.00	18.70	78.00	41.0 / 41.0	25
VW 90 P29-M ¹⁾	83515620	Grey	Pg 29	M32/P29	65.00	14.00	25.50	92.00	50.0 / 50.0	25
VW 90 P36-M ²⁾	83515622	Grey	Pg 36	M40/P36	75.00	17.00	33.00	109.00	60.0 / 60.0	25
VW 90 P48-M ¹⁾	83515624	Grey	Pg 48	M50/P48	93.00	17.00	42.00	134.00	75.0 / 75.0	10
NPT metal threading										
VW 90 N 3/8"-M ¹⁾	83516050	Black	3/8"	M16/P11	35.00	12.00	10.50	55.00	25.0 / 25.0	50
VW 90 N 1/2"-M ¹⁾	83516052	Black	1/2"	M20/P16	45.00	13.00	14.60	67.00	34.0 / 34.0	50
VW 90 N 3/4"-M ¹⁾	83516054	Black	3/4"	M25/P21	55.00	14.00	18.70	78.00	41.0 / 41.0	25
VW 90 N 1"-M ¹⁾	83516056	Black	1"	M32/P29	65.00	14.00	25.60	92.00	50.0 / 50.0	25
VW 90 N 1 1/4"-M ²⁾	83516058	Black	1 1/4"	M40/P36	75.00	18.00	33.50	109.00	60.0 / 60.0	25
VW 90 N 2"-M ¹⁾	83516060	Black	2"	M50/P48	93.00	18.00	42.00	134.00	75.0 / 75.0	10
VW 90 N 3/8"-M ¹⁾	83516010	Grey	3/8"	M16/P11	35.00	12.00	10.50	55.00	25.0 / 25.0	50
VW 90 N 1/2"-M ¹⁾	83516012	Grey	1/2"	M20/P16	45.00	13.00	14.60	67.00	34.0 / 34.0	50
VW 90 N 3/4"-M ¹⁾	83516014	Grey	3/4"	M25/P21	55.00	14.00	18.70	78.00	41.0 / 41.0	25
VW 90 N 1"-M ¹⁾	83516016	Grey	1"	M32/P29	65.00	14.00	25.60	92.00	50.0 / 50.0	25
VW 90 N 1 1/4"-M ²⁾	83516018	Grey	1 1/4"	M40/P36	75.00	18.00	33.50	109.00	60.0 / 60.0	25
VW 90 N 2"-M ¹⁾	83516020	Grey	2"	M50/P48	93.00	18.00	42.00	134.00	75.0 / 75.0	10

¹⁾With cURus- approval

²⁾With CSA- and cURus- approval