



## P-VW 90-K



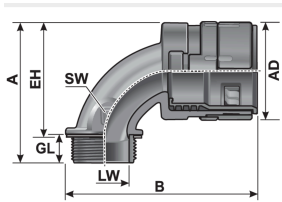
### Product information

The highly dense and cable-protecting M-PRO P-VW 90°-K conduit fitting with plastic external thread at a 90° angle is used for the fast and secure connection of corrugated conduits. It has excellent chemical resistance and is also suitable for outdoor use due to its UV and weathering resistance.

Further advantages:

- Tool-free assembly / disassembly of corrugated conduits
- High packing density
- High tear-out strength
- Vibration, impact and shock resistant

### Information, conformities and approvals



Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	A mm	EH mm	AD mm	GL mm	LW mm	B mm	SW mm	PU pcs.
<b>Metric plastic thread</b>													
P-VW/L 90 M12/09-K	83405052	Black	✓	M12x1,5	M12/P09	47.9	36.9	25	12	5.5	63.8	11	4
P-VW/L 90 M16/11-K	83405055	Black	✓	M16x1,5	M16/P11	49.8	38.8	27.9	12	8.9	66	15	4
P-VW/L 90 M20/16-K	83405058	Black	✓	M20x1,5	M20/P16	55.3	44.3	33.7	12	12.5	73.8	19	4
P-VW/L 90 M25/21-K	83405061	Black	✓	M25x1,5	M25/P21	63.4	51.9	41.6	13	17	84.1	24	4
P-VW/L 90 M32/29-K	83405063	Black	✓	M32x1,5	M32/P29	73.6	61.1	51	14	23.2	100.4	30	2
P-VW/L 90 M40/36-K	83405065	Black	✓	M40x1,5	M40/P36	87.2	72.2	59.3	17	29.9	113.7	41	2
P-VW/L 90 M50/48-K	83405067	Black	✓	M50x1,5	M50/P48	100.5	85.5	71	17	38.8	128.8	50	2
P-VW/L 90 M63/48-K	83405068	Black	✓	M63x1,5	M50/P48	100.5	85.5	71	17	47.8	135.3	60	2
<b>PG plastic threading</b>													
P-VW/L 90 PG09/09-K	83405456	Black	✓	PG 09	M12/P09	47.9	36.9	25	12	7.8	63.3	14	4
P-VW/L 90 PG11/11-K	83405461	Black	✓	PG 11	M16/P11	49.8	38.8	27.9	12	10.6	67.5	17	4
P-VW/L 90 PG16/16-K	83405467	Black	✓	PG 16	M20/P16	56.3	44.3	33.7	13	14.3	77	21	4



## P-VW 90-K

Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	A mm	EH mm	AD mm	GL mm	LW mm	B mm	SW mm	PU pcs.
P-VW/L 90 PG21/21-K	83405470	Black	✓	PG 21	M25/P21	64.4	51.9	41.6	14	19.8	87.8	28	4
P-VW/L 90 PG29/29-K	83405472	Black	✓	PG 29	M32/P29	76.6	61.1	51	17	26.5	104.9	34	2
P-VW/L 90 PG36/36-K	83405474	Black	✓	PG 36	M40/P36	87.2	72.2	59.3	17	36.2	118.7	46	2
P-VW/L 90 PG48/48-K	83405476	Black	✓	PG 48	M50/P48	100.5	85.5	71	17	47.1	135.3	60	2

### Material properties



mod. polyamide PA 6 || Thermoplastic elastomer ||

### Thermal properties



Temperature / temperature range -50 °C – 120 °C / short term: 140 °C

### Protection class



Protection class IP54 IP66 IP66 K IP67 IP67 M IP68 up to 6 bar (30 min) IP69K

### Fire properties



Fire classification acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2 C.I.T. R22 / R23 HL3 :0.58 EN 17084 LOI R22 / R23 HL3 :≥ 32 % ISO 4589-2Ds (max.) R22 / R23 HL3 :57 ISO 5659-2 (25 KW/m<sup>2</sup>)



Fire properties as per NFPA ASTM E 162 ASTM E 1354 ASTM E 662 Boeing BSS 7239 Boeing BSS 7242 Bombardier SMP 800-C

### Chemical resistances



Resistant to: Alcohol Greases Fuels Lyes Mineral oils Weak acids

### Technical information



Halogen-free



## P-VW 90-K

### Technical information



Silicone-free



UV-resistant acc. to ISO 4892-2



Interior



exterior

### Conformity



RoHS (EC Directive 2011/65/EU)



Vibration, shock and impact tested



ECE 324 R 118

### Approvals and operating permits



EU railway approval



cURus approval

### Classification



ETIM 9: EC001176 || eClass 14: 27430312 || UNSPSC: 40183103 ||