



P-VW 90-K



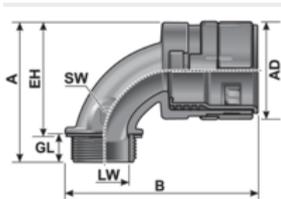
Product information

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.
Metric plastic thread													
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 M16/09-K	83405053	Black	✓	M16x1,5	M12/P09	47.9	36.9	25	12	8.8	63.8	15	4
1)													
P-VW/L 90 M20/09-K	83405054	Black	✓	M20x1,5	M12/P09	47.9	36.9	25	12	11	65.3	17	4
1)													
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 M20/11-K	83405056	Black	✓	M20x1,5	M16/P11	49.8	38.8	27.9	12	12.6	67.5	18	4
1)													
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 M25/16-K	83405059	Black	✓	M25x1,5	M20/P16	56.3	44.8	33.7	13	17	77	24	4
1)													
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 M32/21-K	83405062	Black	✓	M32x1,5	M25/P21	64.4	51.9	41.6	14	23.5	87.8	32	2
1)													
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 M40/29-K	83405064	Black	✓	M40x1,5	M32/P29	76.6	61.6	51	17	29.5	104.9	36	2
1)													



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 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 M50/36-K	83405066	Black	✓	M50x1,5	M40/P36	87.2	72.2	59.3	17	38.4	118.7	50	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
PG plastic threading													
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 PG11/09-K	83405457	Black	✓	PG 11	M12/P09	47.9	36.9	25	12	10.4	65.3	16	4
P-VW/L 90 PG09/11-K	83405460	Black	✓	PG 09	M16/P11	49.8	38.8	27.9	12	7.8	65.5	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/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

1) No stock goods, delivery time and minimum order quantities upon request

1) No stock goods, delivery time and minimum order quantities upon request

Material properties



mod. polyamide PA 6
Thermoplastic elastomer

Thermal properties



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



P-VW 90-K

Protection class



Protection class

IP54
IP66
IP66K
IP67
IP67M
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 4589-2
Ds (max.) R22 / R23 HL3 :57 ISO 5659-2 (25 KW/m²)



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



Silicone-free



UV-resistant acc. to ISO 4892-2



Interior



P-VW 90-K

Technical information



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