



## P-VW 45-K



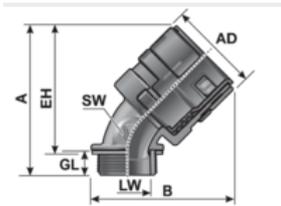
### Product information

The highly dense and cable-protecting M-PRO P-VW 45°-K conduit fitting with plastic external thread at a 45° 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 45 M12/09-K	83403053	Black	✓	M12x1,5	M12/P09	54.4	54.4	25	12	5.5	47.4	11	4
P-VW/L 45 M16/09-K	83403054	Black	✓	M16x1,5	M12/P09	54.4	43.4	25	12	8.8	47.4	15	4
1)													
P-VW/L 45 M16/11-K	83403055	Black	✓	M16x1,5	M16/P11	59.4	48.4	27.9	12	8.9	50.7	15	4
P-VW/L 45 M20/11-K	83403056	Black	✓	M20x1,5	M16/P11	59.4	48.4	27.9	12	12.6	53.4	18	4
1)													
P-VW/L 45 M20/16-K	83403058	Black	✓	M20x1,5	M20/P16	65.1	54.1	33.7	12	12.5	58.4	19	4
P-VW/L 45 M25/16-K	83403059	Black	✓	M25x1,5	M20/P16	66	54.6	33.7	13	17	61.6	24	4
1)													
P-VW/L 45 M25/21-K	83403061	Black	✓	M25x1,5	M25/P21	73.7	62.2	41.6	13	17	68	24	4
P-VW/L 45 M32/21-K	83403062	Black	✓	M32x1,5	M25/P21	74.7	62.2	41.6	14	23.5	71.8	30	2
1)													
P-VW/L 45 M32/29-K	83403063	Black	✓	M32x1,5	M32/P29	84.5	72	51	14	23.2	80.9	30	2
P-VW/L 45 M40/29-K	83403064	Black	✓	M40x1,5	M32/P29	87.5	72.5	51	17	29.5	85.4	36	2
1)													
P-VW/L 45 M40/36-K	83403065	Black	✓	M40x1,5	M40/P36	96.9	81.9	60	17	29.9	90.9	41	2



## P-VW 45-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 45 M50/36-K 1)	83403066	Black	✓	M50x1,5	M40/P36	96.9	81.9	60	17	38.4	97.6	46	2
P-VW/L 45 M50/48-K	83403067	Black	✓	M50x1,5	M50/P48	108.5	95.3	71	17	38.8	106.1	50	2
<b>PG plastic threading</b>													
P-VW/L 45 PG07/07-K	83403451	Black	✓	PG 07	M10/P07	52.5	41.5	23.7	12	5.3	46	11	4
P-VW/L 45 PG07/09-K 1)	83403455	Black	✓	PG 07	M12/P09	54.4	43.4	25	12	5.5	47.4	11	4
P-VW/L 45 PG09/09-K	83403456	Black	✓	PG 09	M12/P09	54.4	43.4	25	12	7.8	46.9	14	4
P-VW/L 45 PG11/09-K 1)	83403457	Black	✓	PG 11	M12/P09	54.4	43.4	25	12	10.4	48.9	16	4
P-VW/L 45 PG09/11-K 1)	83403459	Black	✓	PG 09	M16/P11	59.4	48.4	27.9	12	7.8	51.4	14	4
P-VW/L 45 PG11/11-K	83403460	Black	✓	PG 11	M16/P11	59.4	48.4	27.9	12	10.6	53.4	17	4
P-VW/L 45 PG13,5/11-K	83403461	Black	✓	PG 13,5	M16/P11	60.4	48.4	27.9	13	12.1	53.4	18	4
P-VW/L 45 PG16/16-K	83403466	Black	✓	PG 16	M20/P16	66.1	54.1	33.7	13	14.3	61.6	21	4
P-VW/L 45 PG21/21-K	83403469	Black	✓	PG 21	M25/P21	74.7	62.2	41.6	14	19.8	71.8	27	4
P-VW/L 45 PG29/29-K	83403471	Black	✓	PG 29	M32/P29	87.5	72	51	17	26.5	85.4	34	2
P-VW/L 45 PG36/36-K	83403473	Black	✓	PG 36	M40/P36	96.9	81.9	60	17	36.2	97.6	46	2
P-VW/L 45 PG48/48-K	83403475	Black	✓	PG 48	M50/P48	108.5	93.5	71	17	47.1	112.6	60	2

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

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### Material properties



mod. polyamide PA 6  
Thermoplastic elastomer

### Thermal properties



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



## P-VW 45-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/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

### Technical information



Halogen-free



Silicone-free



UV-resistant acc. to ISO 4892-2



Interior



exterior

### Conformity



RoHS (EC Directive 2011/65/EU)



Vibration, shock and impact tested



## P-VW 45-K

### Conformity



ECE 324 R 118

### Approvals and operating permits



EU railway approval



cURus approval

### Classification

ETIM 9: EC001176  
ECLASS 14: 27430312  
UNSPSC: 40183103