



P-VW 45-M



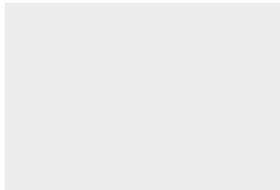
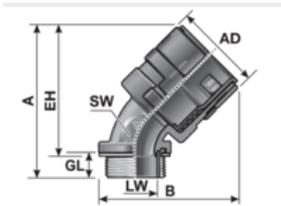
Product information

The highly dense and cable-protecting M-PRO P-VW 45°-M conduit fitting with metal 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.
Metric metal thread													
P-VW/L 45 M12/07-M 1)	83403250	Black	✓	M12x1,5	M10/P07	55.3	44.3	23.7	12	5.3	46	11	4
P-VW/L 45 M12/09-M	83403252	Black	✓	M12x1,5	M12/P09	57.2	46.2	25	12	5.5	47.4	11	4
P-VW/L 45 M16/09-M 1)	83403254	Black	✓	M16x1,5	M12/P09	57.2	46.2	25	12	8.8	47.4	15	4
P-VW/L 45 M16/11-M	83403256	Black	✓	M16x1,5	M16/P11	62.2	51.2	27.9	12	8.9	51.9	15	4
P-VW/L 45 M20/11-M 1)	83403258	Black	✓	M20x1,5	M16/P11	62.2	51.2	27.9	12	12.6	53.4	18	4
P-VW/L 45 M20/16-M	83403261	Black	✓	M20x1,5	M20/P16	67.9	56.9	33.7	12	12.5	58.3	19	4
P-VW/L 45 M25/16-M 1)	83403263	Black	✓	M25x1,5	M20/P16	68.9	57.4	33.7	13	17	61.5	24	4
P-VW/L 45 M25/21-M	83403266	Black	✓	M25x1,5	M25/P21	76.5	65	41.6	13	17	68	24	4
P-VW/L 45 M32/21-M 1)	83403268	Black	✓	M32x1,5	M25/P21	77.5	65	41.6	14	23.5	71.8	32	2
P-VW/L 45 M32/29-M	83403270	Black	✓	M32x1,5	M32/P29	87.3	74.8	51	14	23.2	80.9	30	2
P-VW/L 45 M40/29-M 1)	83403272	Black	✓	M40x1,5	M32/P29	91.3	76.3	51	17	29.5	85.4	36	2



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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 M40/36-M	83403274	Black	✓	M40x1,5	M40/P36	100.7	85.7	60	17	29.9	92.6	41	2
P-VW/L 45 M50/36-M	83403276	Black	✓	M50x1,5	M40/P36	100.7	85.7	60	17	38.4	97.6	50	2
P-VW/L 45 M50/48-M	83403278	Black	✓	M50x1,5	M50/P48	112.3	97.3	71	17	38.8	106.1	50	2
P-VW/L 45 M63/48-M	83403280	Black	✓	M63x1,5	M50/P48	113.3	98.3	71	17	47.8	112.6	60	2
PG metal threading													
P-VW/L 45 PG07/07-M	83403651	Black	✓	PG 07	M10/P07	55.3	44.3	23.7	12	5.3	46	11	4
P-VW/L 45 PG09/09-M	83403653	Black	✓	PG 09	M12/P09	57.2	46.2	25	12	7.8	46.9	14	100
P-VW/L 45 PG11/11-M	83403657	Black	✓	PG 11	M16/P11	62.2	51.2	27.9	12	10.6	53.4	17	4
P-VW/L 45 PG13,5/16-M	83403662	Black	✓	PG 13,5	M20/P16	68.9	56.9	33.7	13	12.2	61.6	20	4
P-VW/L 45 PG16/16-M	83403663	Black	✓	PG 16	M20/P16	68.9	56.9	33.7	13	14.3	61.6	21	4
P-VW/L 45 PG21/21-M	83403666	Black	✓	PG 21	M25/P21	77.5	65	41.6	14	19.8	71.8	28	4
P-VW/L 45 PG29/29-M	83403668	Black	✓	PG 29	M32/P29	88.3	75.8	51	14	26.5	85.4	34	2
P-VW/L 45 PG36/36-M	83403670	Black	✓	PG 36	M40/P36	100.7	85.7	60	17	36.2	97.6	46	2
P-VW/L 45 PG48/48-M	83403672	Black	✓	PG 48	M50/P48	113.3	98.3	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-M

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

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-M

Conformity



ECE 324 R 118

Approvals and operating permits



EU railway approval



cURus approval

Classification

ETIM 9: EC001176
ECLASS 14: 27430312
UNSPSC: 40183103