



Type EW-PA



Product information

The EW-PA cable protection conduits are made of specially modified polyamide 6. The material is halogen, phosphor and cadmium-free. The conduits are for universal use in both mechanical and plant engineering and vehicle engineering.

The EW-PA cable protection conduits feature the following advantages:

- High crush resistance
- Good flexibility
- Medium to high loads in static applications

Information, conformities and approvals



Article	Order No.	Color	UV	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EW-PA-4,5	83161051	Black	✓				5	7.1	20/-	1.8	100
EW-PA-06	83161050	Black	✓				6.6	10	21/-	2.2	50
EW-PA-M10/P7	83161052	Black	✓	M10	PG07	NW 7	8.5	11.5	24/-	2.5	50
EW-PA-M12/P9	83161054	Black	✓	M12	PG09	NW 10	9.7	12.9	26/-	2.8	50
EW-PA-M12/P09 1) 1**)	83988294	Black	✓	M12	PG09	NW 10	9.7	12.9	26/-	2.8	3000
EW-PA-M16/P11	83161056	Black	✓	M16	PG11	NW 12	12.1	15.9	38/-	3.8	50
EW-PA-M16/P11 1) 1**)	83988293	Black	✓	M16	PG11	NW 12	12.1	15.9	38/-	3.8	2300
EW-PA-M20/P16	83161060	Black	✓	M20	PG16	NW 17	15.6	21	55/-	5.8	50
EW-PA-M20/P16 1) 1**)	83988292	Black	✓	M20	PG16	NW 17	15.6	21	55/-	5.8	1100
EW-PA-M20/ P16S	83162062	Black	✓	M20	PG16	NW 17	16.3	20.7	50/-	6.3	50
EW-PA-M25/P21	83161064	Black	✓	M25	PG21	NW 23	21.8	28.3	64/-	9.0	50
EW-PA-M25/P21 1) 1**)	83988291	Black	✓	M25	PG21	NW 23	21.8	28.3	64/-	9.0	700
EW-PA-M25/P21S83162064		Black	✗	M25	PG21	NW 23	22.9	28.3	59/-	9.0	50



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Article	Order No.	Color	UV	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EW-PA-M32/P29	83161072	Black	✓	M32	PG29	NW 29	27.8	34.5	72/-	13.5	25
EW-PA-M32/P29 1) 1**)	83988290	Black	✓	M32	PG29	NW 29	27.8	34.5	72/-	13.5	400
EW-PA-M32/ P29S	83162072	Black	✓	M32	PG29	NW 29	28.5	34.5	67/-	13.5	25
EW-PA-M40/P36 2)	83161076	Black	✓	M40	PG36	NW 36	35	42.6	81/-	15.0	25
EW-PA-M40/ P36S	83162076	Black	✓	M40	PG36	NW 36	36	42.1	76/-	15.0	25
EW-PA-M50/P48	83161078	Black	✓	M50	PG48	NW 48	46.9	53.9	97/-	22.0	25
EW-PA-M50/ P48S	83162080	Black	✓	M50	PG48	NW 48	47.5	54.5	92/-	22.0	25
EW-PA-56 Jumbo	83161081	Black	✓			NW 56	56	67.6	115/-	38.5	25
EW-PA-70 Jumbo	83161082	Black	✓			NW 70	67.4	79.7	160/-	46.0	25
EW-PA-95 Jumbo	83161086	Black	✓			NW 95	89.7	106.3	200/-	80.0	10
EW-PA-06	83161010	Gray	✗				6.6	10	21/-	2.2	50
EW-PA-M10/P7	83161012	Gray	✗	M10	PG07	NW 7	8.5	11.5	24/-	2.5	50
EW-PA-M12/P9	83161014	Gray	✗	M12	PG09	NW 10	9.7	12.9	26/-	2.8	50
EW-PA-M16/P11	83161016	Gray	✗	M16	PG11	NW 12	12.1	15.9	38/-	3.8	50
EW-PA-M20/P16	83161018	Gray	✗	M20	PG16	NW 17	15.6	21	55/-	5.8	50
EW-PA-M20/ P16S	83162020	Gray	✗	M20	PG16	NW 17	16.3	20.7	50/-	6.3	50
EW-PA-M25/P21	83161022	Gray	✗	M25	PG21	NW 23	21.8	28.3	64/-	9.0	50
EW-PA-M25/P21S83162022		Gray	✗	M25	PG21	NW 23	22.9	28.3	59/-	9.0	50
EW-PA-M32/P29	83161026	Gray	✗	M32	PG29	NW 29	27.8	34.5	72/-	13.5	25
EW-PA-M32/ P29S	83162026	Gray	✗	M32	PG29	NW 29	28.5	34.5	67/-	13.5	25
EW-PA-M40/P36 2)	83161028	Gray	✗	M40	PG36	NW 36	35	42.6	81/-	15.0	25
EW-PA-M40/ P36S	83162030	Gray	✗	M40	PG36	NW 36	36	42.1	76/-	15.0	25
EW-PA-M50/P48	83161030	Gray	✗	M50	PG48	NW 48	46.9	53.9	97/-	22.0	25
EW-PA-M50/ P48S	83162034	Gray	✗	M50	PG48	NW 48	47.5	54.5	92/-	22.0	25
EW-PA-56 Jumbo 3)	83161031	Gray	✗			NW 56	56	67.6	115/-	38.5	25



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EW-PA-70 Jumbo	83161032	Gray	✗			NW 70	67.4	79.7	160/-	46.0	25
EW-PA-95 Jumbo	83161034	Gray	✗			NW 95	89.7	106.3	200/-	80.0	10

3)
1) One piece corrugated conduit in the Octabin container
2) With CSA approval
3) No stock goods, delivery time and minimum order quantities upon request
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Material properties



mod. polyamide PA 6



High angle consistency

>336 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C
>653 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C



Flexural fatigue strength

>24000 Cycles According to IEC EN 61386 M25/P21 Testing at -25 °C



Impact strength

4.5 According to IEC EN 61386 M25/P21 Testing at -25 °C



System tear-out strength

>350 N According to IEC EN 61386 M25/P21 Testing at 23 °C Fitting M-PRO

Thermal properties



Temperature / temperature range

-40 °C - 120 °C / short term: 160 °C

Fire properties



Fire classification

acc. to UL94: HB

Chemical resistances



Resistant to:

Alcohol



Type EW-PA

Chemical resistances

Mineral oils
Greases
Fuels

Technical information



Halogen-free



According to ISO 4892-2

Approvals and operating permits



ECOLAB approval

Classification

ETIM 9: EC001175
ECLASS 14: 27430305
UNSPSC 26.0801: 39131601

General information



Made in Germany