



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



Type EW-PA

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/P21S	83162022	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



Type EW-PA

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-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

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

Material properties



mod. polyamide PA 6 II



High angle consistency >330 N >1040 N 50 x 50 mm 100 x 100 mm According to IEC EN 61386
According to IEC EN 61386 M25/P21 M25/P21 Testing at 23 °C Testing at 23 °C



Flexural fatigue strength >24000 ~ 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 Mineral oils Greases Fuels

Technical information



Halogen-free



Type EW-PA

Technical information



According to ISO 4892-2

Approvals and operating permits



ECOLAB approval

Classification



ETIM 9: EC001175 || eClass 14: 27430305 || UNSPSC: 39131601 ||

General information



Made in Germany