


PMAFLEX

Type VAML & VCS conduit

Type VAML - Flexible, medium-duty

	Order no. (black)	Order no. (grey)	Conduit size		Inside Ø (mm)	Outside Ø (mm)	Stat. radius (mm)	PU (m)
			NW	Metric				
	VAMLT-10B	VAMLT-10S	10	12	9.6	13.0	20	50
	VAMLT-12B	VAMLT-12S	12	16	12.0	15.8	30	50
	VAMLG-17B	VAMLG-17S	17	20	15.3	21.2	40	50
	VAMLG-23B	VAMLG-23S	23	25	22.6	28.5	45	50
	VAMLG-29B	VAMLG-29S	29	32	27.6	34.5	55	50
	VAMLG-36B	VAMLG-36S	36	40	36.0	42.5	65	30
	VAMLG-48B	VAMLG-48S	48	50	47.0	54.5	75	30
	VAMLG-56B	VAMLG-56S	56	68	56.3	67.2	140	30
	VAMLG-70B	VAMLG-70S	70	80	67.5	80.0	160	10
	VAMLG-95B	VAMLG-95S	95	106	91.5	106.0	210	10
	VAMLG-125B	VAMLG-125S	125	146	126.0	146.5	450	6


VAML Index

min.	max.
Ductility	
Fatigue reversed bending	
Compression resistance	
Low temperature performance	
Weathering resistance	

For high fire and passenger safety requirements in interior applications such as passenger areas or public buildings
 HL3 acc. to EN 45545-2
 NFPA 130 compliant
 Good flexibility. Good impact strength

Materials	Temperature range	Colour
Specially formulated polyamide 6	-40°C to +105°C	Black/Grey
Certification	Short-term to: +160°C	UV Resistance
Free from halogens, REACH compliant and RoHS compliant	Fire performance	Minimal development of smoke and gases

Type VCS - Flexible, heavy-duty

	Order no. (black)	Order no. (grey)	Conduit size		Inside Ø (mm)	Outside Ø (mm)	Stat. radius (mm)	PU (m)
			NW	Metric				
	VCST-07B	VCST-07S	07	10	6.0	10.0	20	100
	VCST-10B	VCST-10S	10	12	9.2	13.0	25	50
	VCST-12B	VCST-12S	12	16	11.8	15.8	30	50
	VCST-17B	VCST-17S	17	20	16.0	21.2	40	50
	VCSG-17B	VCSG-17S	17	20	15.2	21.2	40	50
	VCSG-23B	VCSG-23S	23	25	22.0	28.5	50	50
	VCSG-29B	VCSG-29S	29	32	27.7	34.4	60	50
	VCSG-36B	VCSG-36S	36	40	35.8	42.4	70	30
	VCSG-48B	VCSG-48S	48	50	46.8	54.4	80	30
	VCSG-56B	VCSG-56S	56	68	56.1	67.2	150	30
	VCSG-70B	VCSG-70S	70	80	66.5	80.0	200	10
	VCSG-95B	VCSG-95S	95	106	91.0	106.0	300	10

VCS Index

min.	max.
Ductility	
Fatigue reversed bending	
Compression resistance	
Low temperature performance	
Weathering resistance	

For static external installations, especially in railway vehicles
 High compression and impact strengths at low temperatures and low humidity
 Good ductility. Very good resistance to ultra violet rays and weathering

Materials	Temperature range	Colour
Specially formulated polyamide 6	-50°C to +105°C	Black/Grey
Certification	Short-term to: +160°C	UV Resistance
Free from halogens, REACH compliant and RoHS compliant	Fatigue resistance	-
		Very good