


PMAFLEX

Type POS & PUE conduit

Type POS - Highly flexible, medium-duty

	Order no. (black)	Conduit size		Inside Ø (mm)	Outside Ø (mm)	Stat./Dyn. radius (mm)	PU (m)
		NW	Metric				
	POST-10B	10	12	9.6	13	20/50	50
	POST-12B	12	16	11.9	15.8	30/70	50
	POST-17B	17	20	16.2	21.2	35/75	50
	POST-23B	23	25	22.6	28.5	40/100	50
	POST-29B	29	32	29	34.5	50/120	50
	POST-36B	36	40	36.5	42.5	60/180	30
	POST-48B	48	50	47.5	54.5	70/195	30
	POSG-29B	29	32	27.6	34.5	50/120	50
	POSG-36B	36	40	36	42.5	60/180	30
	POSG-48B	48	50	47	54.5	70/195	30
	POSG-70B	70	80	67.2	79.6	150/350	30
	POSG-95B	95	106	91.3	106	170/450	30

POS Index

min.
Ductility


max.

Fatigue reversed bending	████████████████████
Compression resistance	████████████████████
Low temperature performance	████████████████████
Weathering resistance	████████████████████

For automation as well as for machine building and industrial installations, especially where continuous movements occur
Excellent reversed bending performance and flexibility
Good impact resistance. Good resistance against strong acids

Materials	Temperature range	Colour
Specially modified polypropylene	-25°C to +95°C	Black
Certification	Short-term to: +130°C	
Free from halogens, REACH compliant and RoHS compliant	Fatigue resistance	UV Resistance
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Type PUE - Highly flexible, medium-duty

	Order no. (black)	Conduit size		Inside Ø (mm)	Outside Ø (mm)	Stat./Dyn. radius (mm)	PU (m)
		NW	Metric				
	PUET-23B	23	25	22.4	28.5	35/70	50
	PUET-29B	29	32	28.8	34.5	40/90	30
	PUET-36B	36	40	35.8	42.4	50/120	30
	PUET-48B	48	50	48.6	54.5	60/130	21
	PUEG-56B	56	68	56.3	67.2	90/170	30
	PUEG-70B	70	80	68.2	80.5	100/220	30

PUE Index

min.
Ductility

max.

Fatigue reversed bending	████████████████████
Compression resistance	████████████████████
Low temperature performance	████████████████████
Weathering resistance	████████████████████

For robotic applications with multi-axial movements
Specially suitable for tight bending-radii
Highest reversed bending resistance
Excellent chafing characteristics

Materials	Temperature range	Colour
Specially formulated polyurethane	-60°C to +50°C	Black
Certification		
Free from halogens, REACH compliant and RoHS compliant	Fatigue resistance	UV Resistance
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