


PMAFLEX

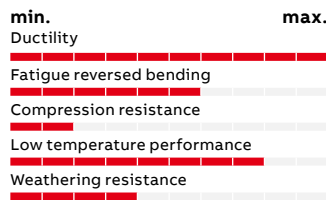
Type PEL & PIS/PIH conduit

Type PEL - Highly flexible, light-duty, soft

	Order no. (grey)	Order no. (grey, slit)	Conduit size		Inside Ø (mm)	Outside Ø (mm)	Stat. radius (mm)	PU (m)
			NW	Metric				
	PELT-10S	PELT-10SL	10	12	9.7	12.7	20	50
	PELT-12S	PELT-12SL	12	16	11.5	15.5	30	50
	PELT-17S	PELT-17SL	17	20	16.0	20.9	35	50
	PELT-23S	PELT-23SL	23	25	22.5	27.5	40	50
	PELT-29S	PELT-29SL	29	32	28.5	33.8	50	30
	PELT-36S	PELT-36SL	36	40	34.0	41.6	60	30
	PELT-48S	PELT-48SL	48	50	47.0	53.2	70	30


For electrical cabinets and appliance construction
 Very good ductility
 Suitable for small bending radii
 Good resistance against strong acids and bases

PEL Index



Materials	Temperature range	Colour
Specially modified polyethylene	-50°C to +60°C	Grey
Certification	UV Resistance	
Free from halogens, REACH compliant and RoHS compliant	-	

Type PIS/PIH - Highly flexible, medium- and heavy-duty

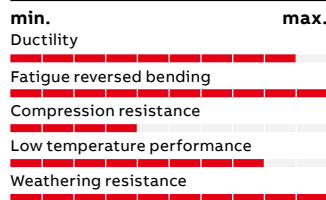
	Order no. (black)	Order no. (grey)	Conduit size		Inside Ø (mm)	Outside Ø (mm)	Stat./dyn. radius (mm)	PU (m)
			NW	Metric				
	PIST-07B	PIST-07S	07	10	6.2	10.0	15/40	50
	PIST-10B	PIST-10S	10	12	9.6	13.0	20/50	50
	PIST-12B	PIST-12S	12	16	11.9	15.8	25/65	50
	PIST-17B	PIST-17S	17	20	16.4	21.1	30/65	50
	PIST-23B	PIST-23S	23	25	22.6	28.4	35/90	50
	PIST-29B	PIST-29S	29	32	29.0	34.3	45/110	50
	PIST-36B	PIST-36S	36	40	36.5	42.5	60/165	30
	PIST-48B	PIST-48S	48	50	47.5	54.5	70/180	30
	PISG-17B	PISG-17S	17	20	15.2	21.1	30/80	50
	PISG-23B	PISG-23S	23	25	21.7	28.4	40/100	50
	PISG-29B	PISG-29S	29	32	27.9	34.7	50/120	50
	PISG-36B	PISG-36S	36	40	35.8	42.3	60/180	30
	PISG-48B	PISG-48S	48	50	46.7	54.2	70/200	30
	PIHG-56B	PIHG-56S	56	68	56.3	67.2	110/270	30
	PIHG-70B	PIHG-70S	70	80	67.2	79.6	150/350	30
	PIHG-95B	PIHG-95S	95	106	91.3	106.0	170/450	30
	PIHG-125B	PIHG-125S	125	146	126.5	146.5	350/480	20

For robotics and automation applications. UL 94 V0. Excellent UV resistance and weathering characteristics
 PIS: Medium-wall (Nominal width 07 to 48) / PIH: Heavy-wall (Nominal width 56 to 125)
 Very good reversed bending characteristics. Good mechanical characteristics even under extreme conditions, such as low temperatures and low humidity

Approvals



PIS/PIH Index



Materials	Temperature range	Colour
Specially modified polyamide 12	-50°C to +95°C	Black/Grey
Certification	Weathering characteristics	UV Resistance
Free from halogens, REACH compliant and RoHS compliant	Short-term to: +150°C Excellent	Excellent