


PMAFLEX Pro

Type PHT & PLU conduit

Type PHT - Highly flexible, medium/heavy-duty

	Order no. (black)	Conduit size		Inside Ø (mm)	Outside Ø (mm)	Stat./Dyn. radius (mm)	PU (m)
		NW	Metric				
	PHTT-07B	07	10	6.2	10.0	15/40	50
	PHTT-10B	10	12	9.6	13.0	20/55	50
	PHTT-12B	12	16	12.0	15.8	30/65	50
	PHTT-17B	17	20	16.2	21.2	40/70	50
	PHTT-23B	23	25	22.6	28.5	45/95	50
	PHTG-17B	17	20	15.2	21.2	40/75	50
	PHTG-23B	23	25	22.0	28.5	45/100	50
	PHTG-29B	29	32	27.7	34.5	55/120	50
	PHTG-36B	36	40	35.8	42.5	60/180	30
	PHTG-48B	48	50	46.8	54.5	70/200	30


PHT Index

min.	max.
Ductility	
Fatigue reversed bending	
Compression resistance (PHTT-17B)	
Compression resistance (PHTG-17B)	
Low temperature performance	
Weathering resistance	

For applications at high and very low temperatures / dynamic applications
Specially formulated polyamide elastomer. Both excellent flexibility and high compression strength
Enhanced temperature range compared to standard polyamides
High resistance to ultra violet rays and weathering

Materials	Temperature range	Colour
Specially formulated polyamide elastomer	-50°C to +135°C	Black
Certification	Short-term to: +180°C	UV Resistance
Free from halogens, REACH compliant and RoHS compliant	Impact resistance	High
	Extremely good at low temperatures	

Type PLU - Flexible, medium-duty

	Order no. (black)	Conduit size		Inside Ø (mm)	Outside Ø (mm)	Stat. radius (mm)	PU (m)
		NW	Metric				
	PLUT-10B	10	12	9.5	13.0	20	50
	PLUT-12B	12	16	11.8	15.8	30	50
	PLUG-17B	17	20	15.3	21.2	40	50
	PLUG-23B	23	25	22.4	28.5	45	50
	PLUG-29B	29	32	28.7	34.5	55	50
	PLUG-36B	36	40	36.3	42.5	65	30
	PLUG-48B	48	50	47.3	54.5	70	30

PLU Index

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

For highest fire and passenger safety requirements
Excellent fire safety characteristics acc. to BS 6853 1a (interior) and LUL Engineering Standard,
approved by Metronet and Tube Line
For static interior applications
Good ductility

Materials	Temperature range	Colour
Specially modified polypropylene	-25°C to +95°C	Black
Certification	Short-term to: +120°C	UV Resistance
Free from halogens, REACH compliant and RoHS compliant	Impact resistance	-
	Good impact resistance	