


PMAFLEX Multilayer






Type XPCL & XSOL conduit

Type XPCL - Highly flexible, medium-duty


	Order no. (black/blue)	Order no. (grey/blue)	Conduit size		Inside Ø (mm)	Outside Ø (mm)	Stat. radius (mm)	PU (m)
			NW	Metric				
	XPCLT-10BB	XPCLT-10SB	10	12	9.6	13.0	20	50
	XPCLT-12BB	XPCLT-12SB	12	16	11.8	15.6	30	50
	XPCLT-17BB	XPCLT-17SB	17	20	16.6	21.0	40	50
	XPCLG-17BB	XPCLG-17SB	17	20	15.6	20.9	40	50
	XPCLG-23BB	XPCLG-23SB	23	25	21.9	28.5	45	50
	XPCLG-29BB	XPCLG-29SB	29	32	27.6	34.5	55	50
	XPCLG-36BB	XPCLG-36SB	36	40	36.0	42.5	60	30
	XPCLG-48BB	XPCLG-48SB	48	50	47.0	54.5	70	30

For machine building and equipment with high requirements
 Allows easy cable insertion due to low friction inner layer
 Very good ductility and good reversed bending characteristics
 Good mechanical characteristics even under extreme conditions, such as low temperatures and low humidity

XPCL Index

min.	max.	Materials	Temperature range	Colour
Ductility		Outer layer: Specially formulated polyamide 6	-50°C to +105°C	Black/Blue
Fatigue reversed bending		Intermediate layer: Specially bonding compound	Short-term to: +160°C	Grey/Blue
Compression resistance		Inner layer: Specially modified polyethylene		
Low temperature performance		Certification	Fire performance	UV Resistance
Weathering resistance		Free from halogens, REACH compliant and RoHS compliant	Self-extinguishing	-

Type XSOL - Highly flexible, medium-duty



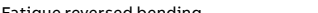


	Order no. (black/green)	Conduit size		Inside Ø (mm)	Outside Ø (mm)	Stat. radius (mm)	PU (m)
		NW	Metric				
	XSOLT-10BG	10	12	9.6	13.0	25	50
	XSOLT-12BG	12	16	11.8	15.6	30	50
	XSOLG-17BG	17	20	15.2	21.0	40	50
	XSOLG-23BG	23	25	22.0	28.5	50	50
	XSOLG-29BG	29	32	27.5	34.4	60	50
	XSOLG-36BG	36	40	35.8	42.4	70	30
	XSOLG-48BG	48	50	46.8	54.4	80	30

All-purpose, especially in long-term external applications, e.g. energy technology
 Very good resistance to UV and weathering
 Very high ductility and reversed bending resistance
 Very good mechanical strength
 High impact resistance even under extreme conditions, such as low temperatures and low humidity

Approvals



XSOL Index

min.	max.	Materials	Temperature range	Colour
Ductility		Outer layer: Specially formulated polyamide 12	-50°C to +95°C	Black/Green
Fatigue reversed bending		Intermediate layer: Specially bonding compound	Short-term to: +150°C	
Compression resistance		Inner layer: Specially modified polyamide 6		
Low temperature performance		Certification	Fire performance	UV Resistance
Weathering resistance		Free from halogens, REACH compliant and RoHS compliant	Good fire safety characteristics Self-extinguishing	Very good