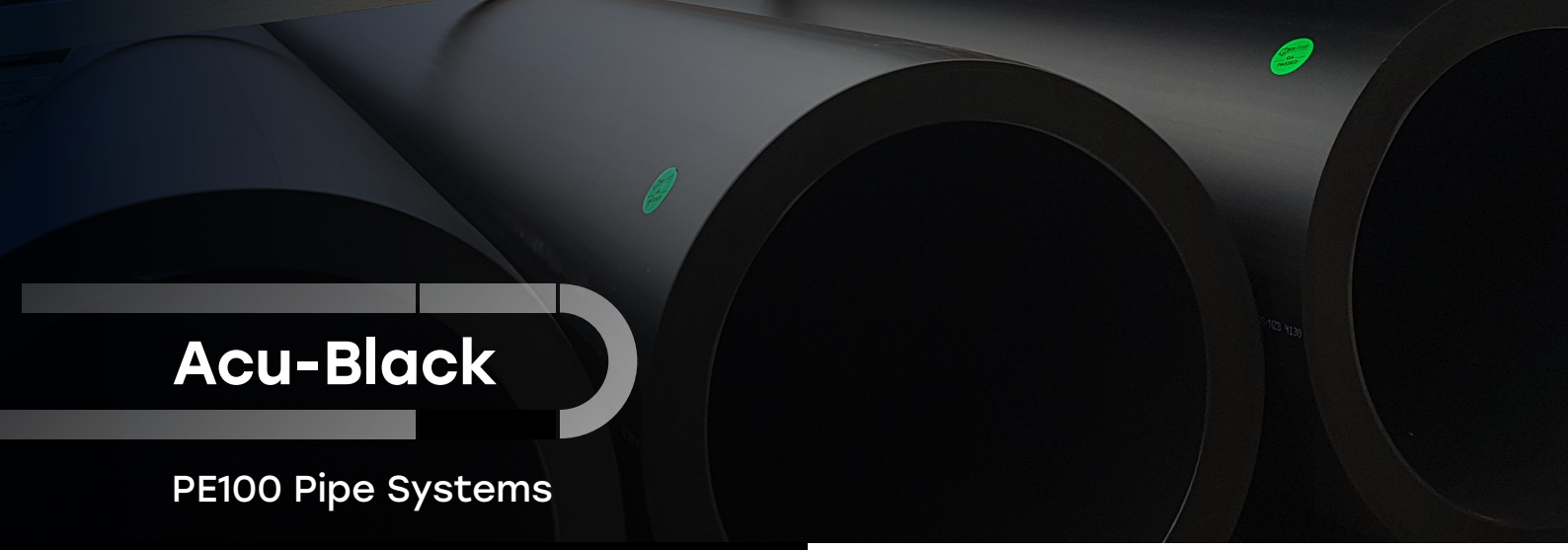

Acu-Black

PE100 Pipe Systems

PRODUCT DESCRIPTION

Acu-Black PBK

Acu-Black, manufactured from high-quality PE100 resin with a minimum required strength (MRS) of 10 MPa, is a black pipe engineered for durability in demanding environments. It contains a minimum of 2% finely dispersed carbon black for maximum UV resistance, ensuring a long service life, even in exposed installations.
With its excellent corrosion, chemical, and abrasion resistance, serves a wide range of fluid and gas applications across the plumbing, mining, civil, energy, and mechanical industries. Lightweight and easy to weld, it offers a minimum service life of 50 years; however, it can last up to 100 years under normal operating conditions, delivering reliable performance above or below ground.

CODE	SIZE	WALL THICKNESS (MM)	INSIDE DIAMETER (MM)	LENGTH (M)	COIL DIMENSIONS (MM)			WEIGHT (KG)
					OD	ID	WIDTH	
PBK03211100	32mm	3.3	26.5	100m Coil	1180	880	230	0.3 kg/m
PBK06311100	63mm	6.5	52.0	100m Coil	1700	1030	300	1.1 kg/m
PBK06311006	63mm	6.5	52.0	6m Length	-	-	-	1.1 kg/m
PBK12511006	125mm	12.7	103.4	6m Length	-	-	-	4.1 kg/m
PBK12511012	125mm	12.7	103.4	12m Length	-	-	-	4.1 kg/m
PBK18011006	180mm	18.2	148.9	6m Length	-	-	-	8.5 kg/m
PBK18011012	180mm	18.2	148.9	12m Length	-	-	-	8.5 kg/m
PBK20011012	200mm	20.2	165.4	12m Length	-	-	-	10.5 kg/m
PBK25011012	250mm	25.1	206.9	12m Length	-	-	-	16.4 kg/m
PBK31511012	315mm	31.6	260.7	12m Length	-	-	-	26 kg/m

Dimensions are nominal only.

- Other sizes for coils and lengths can be made to order.
- Large range of fittings available, providing flexibility of design.
- Sizes can be manufactured to SDR 7.4, SDR 9, SDR 11, SDR13.6, SDR17, SDR21, SDR26, SDR33, SDR41.
- Pressure ratings from PN4 to PN25 at 20°C, including safety factor of 1.25.
- Pipes can be joined with Electrofusion welding, Butt fusion welding and or compression fittings.
- Manufactured in Australia to AS/NZS 4130 'Polyethylene (PE) pipes for pressure applications'.
- Complying to ISO 9001 Quality management system certification.