

**PS-4****CMDG PURCHASE SPECIFICATION.****POLYETHYLENE PRESSURE PIPE.**

- 1.0 Polyethylene (PE) Pressure Pipes are to be in accordance with Australian Standard AS/NZS 4130 – Polyethylene (PE) Pipes for Pressure Applications, Series 1.
- 2.0 Pipe size (DN), pressure classification (PN), pipe length, pipe end connection type and pipe colour will be nominated at time of purchase. If applicable, flange backing ring material will be specified at time of purchase.
- 3.0 Pipe Material Compound to be PE 80B.
- 4.0 Pressure Classification (PN) –  

New Installations -	PN 12.5 (1250 kPa or 1.25 MPa @ 20° C);
Repairs -	PN 16 (1600 kPa or 1.6 MPa @ 20° C).
- 5.0 Colour of Pipes:

Water Supply:	black with blue stripe.
Raw Sewerage:	black with grey or cream stripe
Effluent Reuse:	black with lilac stripe
- 6.0 Flanges to be AS 2129 Table 'C' or 'E' and complete with backing rings.
- 7.0 Pipe will be installed in accordance with AS2033.
- 8.0 Product certification in accordance with AS/NZS 4130.
- 9.0 This specification takes precedence, but where this specification is silent on a matter then the order of priority for reference shall be the relevant Australian Standard, and then the relevant WSAA Purchase Specification.