

PS-5**CMDG PURCHASE SPECIFICATION.****PVC PRESSURE PIPE.**

- 1.0 **uPVC** Pressure Pipes and Fittings are to be in accordance with Australian Standard AS/NZS 1477 – PVC Pipes and Fittings for Pressure Applications.
- 2.0 **MPVC** Pressure Pipes are to be in accordance with Australian Standard AS/NZS 4765 – Modified PVC (PVC-M) Pipes for Pressure Applications.
- 3.0 **OPVC** Pressure Pipes are to be in accordance with Australian Standard AS 4441 – Oriented PVC (PVC-O) Pipes for Pressure Applications.
- 4.0 Pipe size (DN), series, pressure classification (PN), pipe material, pipe length, and pipe colour will be nominated at time of purchase. If applicable, flange backing ring material will be specified at time of purchase.
- 5.0 Pressure Classification (PN) – (generally below ground use)
- | | | |
|---------------|---|----------------------------|
| uPVC Series 2 | - | PN 12; |
| MPVC Series 2 | - | PN 16; |
| OPVC Series 2 | - | PN 16, Material Class 400. |
- 6.0 Pressure Classification (PN) – (generally above ground use, ISO size)
- | | | |
|---------------|---|--------|
| uPVC Series 1 | - | PN 12; |
| MPVC Series 1 | - | PN 16; |
- 7.0 Colour of Series 2 Pipes:
- | | |
|-----------------|----------------|
| Water Supply: | light blue. |
| Raw Sewerage: | grey or cream. |
| Effluent Reuse: | lilac. |
- 8.0 Flanges to be AS 2129 Table 'C' or 'E' and complete with backing rings.
- 9.0 Pipe will be installed in accordance with AS2032.
- 10.0 Product certification in accordance with:
- | | | |
|------|---|--------------|
| uPVC | - | AS/NZS 1477; |
| MPVC | - | AS/NZS 4765; |
| OPVC | - | AS 4441. |
- 11.0 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.