



A tried and tested product, Powercast's shouldered coupling range has been a critical component in Australia's mines for over 40 years. Gas, water and oil pipelines throughout the country, both above and below ground, are connected by our products.

SHOULDERED GASKETS

Standard Gaskets

Grade Temp. Range Compound

R -50° to +65° Natural

N -30° to +80° Nitrile

General Service Recommendations

Recommended for hot water service within the specified temperature range, sewage plus a variety of dilute acids, oil free air, many chemical services and compressed air.

Not recommended for petroleum services.

Recommended for petroleum, oil or gas products, air with oil vapours, vegetable and mineral oils within the specified temperature range, except hot dry air over 60°C and water over 66°C. Not recommended for hot water services.

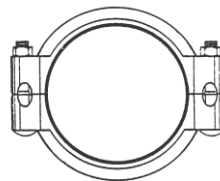
SHOULDERED EXTERNAL COATINGS

COUPLINGS

1. All galvanised couplings are hot dipped galvanised to AS 1650.
2. All painted couplings are black OR biscuit painted to ASTM B117.

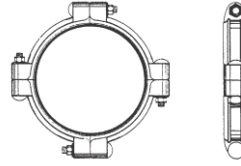
STANDARD TWO PART COUPLINGS

| Nominal Pipe Size mm | Pipe O.D. mm | Maximum recommended | | | | Mass each complete Kg |
|----------------------|--------------|---------------------|------|------------------|-----|-----------------------|
| | | Test Pressure | | Working Pressure | | |
| | | KPa | PSI | KPa | PSI | |
| 50 | 60.3 | 22000 | 3190 | 4150 | 600 | 1.2 |
| 80 | 88.9 | 17500 | 2538 | 4150 | 600 | 1.5 |
| 100 | 114.3 | 11000 | 1595 | 4150 | 600 | 2.0 |
| 125 | 139.7 | 9000 | 1305 | 3000 | 435 | 3.0 |
| 150 | 165.1 | 9000 | 1305 | 3000 | 435 | 3.5 |
| 150 | 168.3 | 8500 | 1232 | 3000 | 435 | 3.8 |
| 200 | 219.1 | 7500 | 1087 | 2660 | 385 | 5.9 |
| 250 | 273.0 | 8000 | 1160 | 2660 | 385 | 9.1 |
| 300 | 323.9 | 7500 | 1087 | 2660 | 385 | 11.8 |
| 350 | 355.6 | 7500 | 1087 | 2660 | 385 | 15.4 |



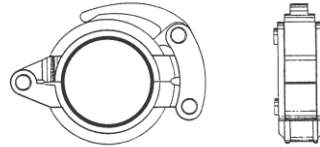
STANDARD FOUR PART COUPLINGS

| Nominal Pipe Size mm | Pipe O.D. mm | Maximum recommended | | | | Mass each complete Kg |
|----------------------|--------------|---------------------|------|------------------|-----|-----------------------|
| | | Test Pressure | | Working Pressure | | |
| | | KPa | PSI | KPa | PSI | |
| 400 | 406.4 | 8000 | 1160 | 2660 | 385 | 25.4 |
| 450 | 457.0 | 8000 | 1160 | 2660 | 385 | 29.1 |
| 500 | 508.0 | 6000 | 870 | 2000 | 290 | 33.8 |
| 600 | 610.0 | 6000 | 870 | 2000 | 290 | 27.8 |



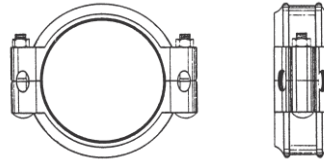
QUICK RELEASE TOGGLE COUPLINGS

| Nominal Pipe Size mm | Pipe O.D. mm | Maximum recommended | | | | Mass each complete Kg |
|----------------------|--------------|---------------------|------|------------------|-----|-----------------------|
| | | Test Pressure | | Working Pressure | | |
| | | KPa | PSI | KPa | PSI | |
| 50 | 60.3 | 11000 | 1595 | 3660 | 530 | 1.3 |
| 80 | 88.9 | 10000 | 1450 | 3330 | 480 | 2.0 |
| 100 | 114.3 | 8000 | 1160 | 2660 | 385 | 3.0 |
| 150 | 165.1 | 7500 | 1088 | 2500 | 360 | 3.3 |
| 200 | 219.1 | 6500 | 945 | 2156 | 315 | 8.3 |



HEAVY DUTY COUPLINGS

| Nominal Pipe Size mm | Pipe O.D. mm | Maximum recommended | | | | Mass each complete Kg |
|----------------------|--------------|---------------------|------|------------------|------|-----------------------|
| | | Test Pressure | | Working Pressure | | |
| | | KPa | PSI | KPa | PSI | |
| 100 | 114.3 | 22000 | 3190 | 6900 | 1000 | 4.7 |
| 150 | 165.1 | 16000 | 2320 | 6900 | 1000 | 6.2 |
| 150 | 168.3 | 18000 | 2610 | 6900 | 1000 | 6.8 |
| 200 | 219.1 | 19000 | 2755 | 6900 | 1000 | 14.2 |



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