

CAMLOCK

Specification Sheet

Key Features

1. Full range of Aluminium Alloy camlocks in sizes 1/2" to 8".
2. Full range of Ny Glass and Polypropylene camlocks in sizes 1/2" to 4".
3. All configurations covered; Types A, B, C, D, E, F, DC and DP.
4. Pressure rating as follows:

| Type | Aluminium Alloy | Ny Glass | Polypropylene |
|--|----------------------|----------------------|----------------------|
| Maximum Pressure Rating at 22 Centigrade | 1/2" to 2" - 1200kPa | 1/2" to 1" - 850kPa | 1/2" to 1" - 850kPa |
| | 2 1/2" - 1000kPa | 1-1/4 to 2" - 700kPa | 1-1/4 to 2" - 700kPa |
| | 3" & 4" - 700kPa | 3" - 500kPa | 3" - 500kPa |
| | 5" & 6" - 500kPa | 4" - 350kPa | 4" - 350kPa |
| | 8" - 350kPa | | |

5. Aluminium Alloy camlocks have been precision machined to rigid tolerances and are heat treated for greater durability
6. Plastic camlocks moulded to rigid tolerances from high grade materials.
7. Recess holds gasket firmly in place and assures proper placement for correct operation.
8. Long spigot design allows the use of more than one pipe clip thus providing greater grip and eliminating the major cause of hose damage.
9. Finger rings are designed to ensure easy opening of cam levers.
10. Material specification:

| | Aluminium Alloy | Ny Glass | Polypropylene |
|------|-----------------|------------------------------|---------------|
| Body | Aluminium Alloy | Glass Fiber Reinforced Nylon | Polypropylene |
| Seal | NBR | EPDM | EPDM |
| Arm | Brass | SS304 | SS304 |

Installation Notes

1. Philmac supplied camlocks are designed to work with camlock fittings supplied by other manufacturers but standard Philmac terms and conditions do not apply for such use.
2. Please note that couplings should not be disconnected under pressure or with liquid in the line.
3. Camlocks are not designed for use with compressed air, gases or steam



CAMLOCK Products

Philmac[®]

The connection you can trust.

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Installation Instructions

1. To make a cam connection, simply slide the adaptor into the coupler until it bottoms out. Then with normal hand pressure press the camlock levers down. Using the pin will lock the arms in position.
2. Disassembly is as quick and simple as assembly. Just lift the arms and remove the adaptor.
3. To make a hose connection simply insert the hose over the fitting until the end of the hose butts up against the body of the fitting.
4. One or two pipe clips should be used to complete the joint
5. To make a threaded connection on all plastic products Philmac recommends the use of PTFE tape.

Aluminium Alloy

| | A | B | C | D | E | F | DC | DP |
|--------|---------|---------|---------|---------|---------|---------|----------|----------|
| 1/2" | A50-AL | B50-AL | C50-AL | D50-AL | E50-AL | F50-AL | DC50-AL | DP50-AL |
| 3/4" | A75-AL | B75-AL | C75-AL | D75-AL | E75-AL | F75-AL | DC75-AL | DP75-AL |
| 1" | A100-AL | B100-AL | C100-AL | D100-AL | E100-AL | F100-AL | DC100-AL | DP100-AL |
| 1-1/4" | A125-AL | B125-AL | C125-AL | D125-AL | E125-AL | F125-AL | DC125-AL | DP125-AL |
| 1-1/2" | A150-AL | B150-AL | C150-AL | D150-AL | E150-AL | F150-AL | DC150-AL | DP150-AL |
| 2" | A200-AL | B200-AL | C200-AL | D200-AL | E200-AL | F200-AL | DC200-AL | DP200-AL |
| 2-1/2" | A250-AL | B250-AL | C250-AL | D250-AL | E250-AL | F250-AL | DC250-AL | DP250-AL |
| 3" | A300-AL | B300-AL | C300-AL | D300-AL | E300-AL | F300-AL | DC300-AL | DP300-AL |
| 4" | A400-AL | B400-AL | C400-AL | D400-AL | E400-AL | F400-AL | DC400-AL | DP400-AL |
| 5" | A500-AL | B500-AL | C500-AL | D500-AL | E500-AL | F500-AL | DC500-AL | DP500-AL |
| 6" | A600-AL | B600-AL | C600-AL | D600-AL | E600-AL | F600-AL | DC600-AL | DP600-AL |
| 8" | A800-AL | B800-AL | C800-AL | D800-AL | E800-AL | F800-AL | DC800-AL | DP800-AL |

Ny Glass

| | A | B | C | D | E | F | DC | DP |
|-----------------|---------|---------|---------|---------|---------|---------|----------|----------|
| 1/2" | A50-NY | B50-NY | C50-NY | D50-NY | E50-NY | F50-NY | | |
| 3/4" | A75-NY | B75-NY | C75-NY | D75-NY | E75-NY | F75-NY | DC75-NY | DP75-NY |
| 1" | A100-NY | B100-NY | C100-NY | D100-NY | E100-NY | F100-NY | DC100-NY | DP100-NY |
| 1-1/4" | A125-NY | B125-NY | C125-NY | D125-NY | E125-NY | F125-NY | DC125-NY | DP125-NY |
| 1-1/2" x 1-1/4" | A130-NY | B130-NY | C130-NY | D130-NY | E130-NY | F130-NY | | |
| 1-1/2" | A150-NY | B150-NY | C150-NY | D150-NY | E150-NY | F150-NY | DC150-NY | DP150-NY |
| 2" | A200-NY | B200-NY | C200-NY | D200-NY | E200-NY | F200-NY | DC200-NY | DP200-NY |
| 3" | A300-NY | B300-NY | C300-NY | D300-NY | E300-NY | F300-NY | DC300-NY | DP300-NY |
| 4" | A400-NY | B400-NY | C400-NY | D400-NY | E400-NY | F400-NY | DC400-NY | DP400-NY |

Polypropylene

| | A | B | C | D | E | F | DC | DP |
|--------|---------|---------|---------|---------|---------|---------|----------|----------|
| 1/2" | A50-PP | B50-PP | C50-PP | D50-PP | E50-PP | F50-PP | | |
| 3/4" | A75-PP | B75-PP | C75-PP | D75-PP | E75-PP | F75-PP | DC75-PP | DP75-PP |
| 1" | A100-PP | B100-PP | C100-PP | D100-PP | E100-PP | F100-PP | DC100-PP | DP100-PP |
| 1-1/4" | A125-PP | B125-PP | C125-PP | D125-PP | E125-PP | F125-PP | DC125-PP | DP125-PP |
| 1-1/2" | A150-PP | B150-PP | C150-PP | D150-PP | E150-PP | F150-PP | DC150-PP | DP150-PP |
| 2" | A200-PP | B200-PP | C200-PP | D200-PP | E200-PP | F200-PP | DC200-PP | DP200-PP |
| 3" | A300-PP | B300-PP | C300-PP | D300-PP | E300-PP | F300-PP | DC300-PP | DP300-PP |
| 4" | A400-PP | B400-PP | C400-PP | D400-PP | E400-PP | F400-PP | DC400-PP | DP400-PP |

More details available at
www.philmac.com.au
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 1800 755 899.



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