

CAMLOCK Specification Sheet

Key Features

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

Type	Aluminium Alloy	Ny Glass	Polypropylene
Maximum Pressure Rating at 22 Centigrade		1/2" to 1" – 850kpa	1/2" to 1" – 850kpa
	1/2 to 2" – 1200kpa	1-1/4 to 2" – 700kpa	1-1/4 to 2" – 700kpa
	2 1/2" – 1000kpa	3" – 500kpa	3" – 500kpa
	3" & 4" – 700kpa	4" – 350kpa	4" – 350kpa

3. Aluminium Alloy camlocks have been precision machined to rigid tolerances.
4. Plastic camlocks moulded to rigid tolerances from high grade materials.
5. All camlocks have durable stainless steel cam arm pins that will not rust or bind, providing greater strength and safety.
6. Recess holds gasket firmly in place and assures proper placement for correct operation.
7. Long spigot design allows the use of more than one pipe clip thus providing greater grip and eliminating the major cause of hose damage.
8. Finger rings are designed to ensure easy opening of cam levers.
9. Camlock fittings with lever arms are supplied with 2 locking pins.
10. Material specification:

	Aluminium Alloy	Ny Glass	Polypropylene
Body	Aluminium Alloy	Glass Fiber Reinforced Nylon	Polypropylene
Seal	NBR	EPDM	EPDM
Arm & Ring	SS304	SS304	SS304
Pins	SS304	SS304	SS304

Installation Notes

1. For advice on use with chemicals please consult a Philmac representative.
2. 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.
3. Please note that couplings should not be disconnected under pressure or with liquid in the line.



CAMLOCK Products

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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"	CAM050A-A	CAM050B-A	CAM050C-A	CAM050D-A	CAM050E-A	CAM050F-A	CAM050DC-A	CAM050DP-A
3/4"	CAM075A-A	CAM075B-A	CAM075C-A	CAM075D-A	CAM075E-A	CAM075F-A	CAM075DC-A	CAM075DP-A
1"	CAM100A-A	CAM100B-A	CAM100C-A	CAM100D-A	CAM100E-A	CAM100F-A	CAM100DC-A	CAM100DP-A
1-1/4"	CAM125A-A	CAM125B-A	CAM125C-A	CAM125D-A	CAM125E-A	CAM125F-A	CAM125DC-A	CAM125DP-A
1-1/2"	CAM150A-A	CAM150B-A	CAM150C-A	CAM150D-A	CAM150E-A	CAM150F-A	CAM150DC-A	CAM150DP-A
2"	CAM200A-A	CAM200B-A	CAM200C-A	CAM200D-A	CAM200E-A	CAM200F-A	CAM200DC-A	CAM200DP-A
2-1/2"	CAM250A-A	CAM250B-A	CAM250C-A	CAM250D-A	CAM250E-A	CAM250F-A	CAM250DC-A	CAM250DP-A
3"	CAM300A-A	CAM300B-A	CAM300C-A	CAM300D-A	CAM300E-A	CAM300F-A	CAM300DC-A	CAM300DP-A
4"	CAM400A-A	CAM400B-A	CAM400C-A	CAM400D-A	CAM400E-A	CAM400F-A	CAM400DC-A	CAM400DP-A
6"	CAM600A-A	CAM600B-A	CAM600C-A	CAM600D-A	CAM600E-A	CAM600F-A	CAM600DC-A	CAM600DP-A

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