



Philmac

The connection you can trust.

Camlock

Technical Specifications Sheet

Philmac offers a comprehensive range of pressure hose connections with their camlock range. Philmac's range of camlock fittings are available in aluminium, ny glass and polypropylene. Sized from 1/2" to 4", they provide excellent chemical resistance and strength for most applications.

Features and Benefits

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

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.

Installation Notes

- 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.
- Please note that couplings should not be disconnected under pressure or with liquid in the line.
- Camlocks are not designed for use with compressed air, gases or steam



Pressure Rating

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		

Material Specification

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

Aluminium Alloy Range

	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 Range

	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"	A130-NY	B130-NY	C130-NY	D130-NY	E130-NY	F130-NY		
2"	A150-NY	B150-NY	C150-NY	D150-NY	E150-NY	F150-NY	DC150-NY	DP150-NY
2-1/2"	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 Range

	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		
2"	A200-PP	B200-PP	C200-PP	D200-PP	E200-PP	F200-PP	DC200-PP	DP200-PP
2-1/2"	A300-PP	B300-PP	C300-PP	D300-PP	E300-PP	F300-PP	DC300-PP	DP300-PP
3"	A400-PP	B400-PP	C400-PP	D400-PP	E400-PP	F400-PP	DC400-PP	DP400-PP
4"	A400-NY	B400-NY	C400-NY	D400-NY	E400-NY	F400-NY	DC400-NY	DP400-NY

For more information

Ph: 1800 755 899

www.philmac.com.au

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