

PVEP Series

Screw Together Couplings

FEATURES

- Connect/disconnect under pressure up to 4350 PSI
- Improved corrosion resistance
- Two stage valve protects sealing components during pressurized connection and disconnection
- Flush face design avoids fluid loss and air inclusion

APPLICATIONS

- Excavators
- Grapples
- Hammers
- Construction Equipment
- Oil Field

INTERCHANGEABILITY

- Stucchi VEP
- DNP PST4
- Parker FET

MATERIALS

- Steel with QPQ Plating

TEMP. RATING

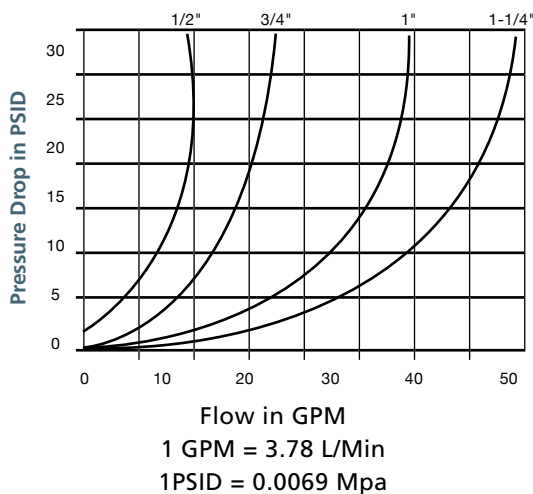
- -22°F to 230°F



RATED PRESSURE – PSI

SIZE	PSI
1/2"	5500
3/4"	5000
1"	5000
1 1/4"	5000

PERFORMANCE:

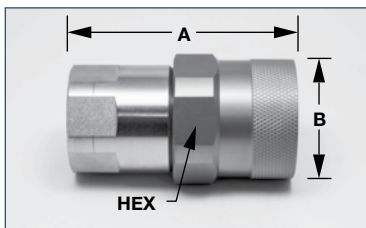


CORRECT PROCEDURE TO CONNECT AND DISCONNECT THE PVEP SERIES

1. Clean all mating surfaces thoroughly, then pull socket sleeve forward
2. Align socket and plug, pushing/turning the socket sleeve towards the plug while engaging the threads. Allow threads to pull socket into the plug.
3. Initial connection should be hand threaded, followed by a wrench.
4. Continue to thread socket sleeve into plug until end of sleeve meets plug body.
5. To disconnect, use a wrench to break sleeve free and keep socket and plug aligned.

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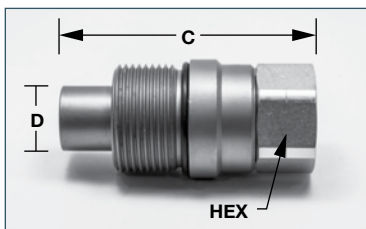


COUPLER

BODY SIZE	PART NUMBER		DIMENSIONS (IN.)		
	STEEL	THREAD SIZE	A	B	HEX
1/2"	PVEP-12F-NPT-1/2"	1/2" NPTF	3.08	1.81	1.42
1/2"	PVEP-12F-SAE-3/4"-16	3/4" -16 ORB	3.08	1.81	1.42
3/4"	PVEP-34F-NPT-3/4"	3/4" NPTF	3.34	1.97	1.61
3/4"	PVEP-34F-SAE-1-1/16"	1 1/16" -12 ORB	3.34	1.97	1.61
1"	PVEP-1F-NPT-1"	1" NPTF	3.93	2.17	1.80
1"	PVEP-1F-SAE-1-5/16"	1 5/16" -12 ORB	3.93	2.17	1.80
1 1/4"	PVEP-114F-NPT-1-1/4"	1 1/4" NPTF	4.40	2.56	2.16
1 1/4"	PVEP-114F-SAE-1-5/8"	1 5/8" -12 ORB	4.40	2.56	2.16

DUST CAP FOR COUPLER HALF

SIZE	PART NUMBER
1/2"	PCV-1/2"-SC
3/4"	PCV-3/4"-SC
1"	PCV-1"-SC
1 1/4"	PCV-1 1/4"-SC



PLUG

BODY SIZE	PART NUMBER		DIMENSIONS (IN.)		
	STEEL	THREAD SIZE	C	D	HEX
1/2"	PVEP-12M-NPT-1/2"	1/2" NPTF	3.75	1.80	1.42
1/2"	PVEP-12M-SAE-3/4"-16	3/4" -16 ORB	3.75	1.80	1.42
3/4"	PVEP-34M-NPT-3/4"	3/4" NPTF	3.90	1.92	1.42
3/4"	PVEP-34M-SAE-1-1/16"	1 1/16" -12 ORB	3.90	1.92	1.42
1"	PVEP-1M-NPT-1"	1" NPTF	4.47	2.12	1.80
1"	PVEP-1M-SAE-1-5/16"	1 5/16" -12 ORB	4.47	2.12	1.80
1 1/4"	PVEP-114M-NPT-1-1/4"	1 1/4" NPTF	4.86	2.52	2.16
1 1/4"	PVEP-114M-SAE-1-5/8"	1 5/8" -12 ORB	4.86	2.52	2.16

DUST CAP FOR PLUG HALF

SIZE	PART NUMBER
1/2"	PCV-1/2"-PC
3/4"	PCV-3/4"-PC
1"	PCV-1"-PC
1 1/4"	PCV-1 1/4"-PC

