ADAPTER SPECIFICATIONS



BREATHER ADAPTERS FOR EASY INSTALLATION

Flange adapters, used with breathers having a 1" slip-fit connection, are used for reservoirs where the tank wall is not thick enough to allow for tapping threads. With the Model A-101 adapter, mounting holes can be drilled in the high impact ABS molded flange to mate with any required hole pattern. The Model A-114 flange adapter has a standard ANSI 6-hole pattern pre-drilled for mounting.

Threaded adapters, suitable for use with Air Sentry breathers that have a 1" slip fit connection, are intended for reservoirs or gearboxes with a wall thickness sufficient for a tapped hole. Male and female NPT and male BSP thread versions are available.

The bayonet adapter replaces a standard breather cap on a hydraulic reservoir. Simply remove the breather cap, place the bayonet adapter on the breather flange, and rotate one-quarter turn. No tank modification is required. Bayonet adapters fit Air Sentry breathers with a 1" slip-fit connection.

Threaded spin-on adapters replace the standard spin-on particle filters made by many manufacturers. These adapters fit Air Sentry breathers with 1" slip-fit connections, are available in different sizes, and thread configurations. No tank modifications are required.

Threaded metal adapters fit the X-100 and any Z series breather. The breather connection is $\frac{1}{2}$ " male NPT while a variety of reservoir connection types are available.



Slip Fit - Threaded Adapters (male)

Part #	Material	Connection to breather	Connection to reservoir	M1 (inches)	N (inches)	L (inches)
A-102	Schedule 40 PVC	Slip Fit-1 inch	1 inch male NPT	1 5/8	7/32	2
A-103	Schedule 40 PVC	Slip Fit-1 inch	3/4 inch male NPT	1 21/32	3/16	2
A-409	Schedule 40 PVC	Slip Fit-1 inch	1/2 inch male NPT	1 9/16	5/8	2 7/16
A-501	Schedule 40 PVC	Slip Fit-1 inch	1 inch male BSP	1 5/8	7/32	2 1/8

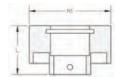
Fits all breathers with slip fit connections



Slip Fit - Threaded Adapters (female)

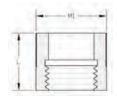
Part # Material Connection to Connection to M M1 N breather reservoir (inches) (inches) (inches)							L (inches)	
A-410	Schedule 40 PVC	Slip Fit-1 inch	^{1/2} inch male NPT	1 11/16	1 3/16	5/32	2	
Fits all breathers with slip fit connections								

Slip Fit Bayonet Adapters

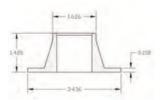


Part #	Material	Connection to breather	Connection to reservoir	M1 (inches)	L (inches)		
A-104	High Density EDPM, Gasket, Metal Dowel	Slip Fit-1 inch	Bayonet push & turn connection	2 ^{3/4}	1 ^{5/8}		
Fits all breathers with slip fit connections							

Slip Fit Threaded Spin-On Adapters



Part #	Material	Connection to breather	Connection to reservoir	M1 (inches)	L (inches)
A-105	High Density EDPM	Slip Fit-1 inch with O-ring seal	1 inch-12 UNF, ^{3/4} inch thread lenght	2	1 ^{5/8}
A-106	High Density EDPM	Slip Fit-1 inch with O-ring seal	1 ^{1/2} inch-16 UNF, ^{3/4} inch thread lenght	2 ^{21/32}	2
A-115	Delrin	Slip Fit-1 inch with O-ring seal	1 ^{1/2} inch-16 UNF, ^{3/4} inch thread lenght	1 9/16	27/16
		Fits all breathers with	slip tit connections	·	



Slip Fit Flange Adapters

A-101 High Impact ABS Slip Fit-1 inch Customer drilled holes	
A-114 High Impact ABS Slip Fit-1 inch Six ^{3/8} inch clearance holes spaced 60 de apart on 2 ^{7/8} inch diameter center	

Fits all breathers with slip fit connections



Threaded Metal Adapters

Part #	Material	Connection to breather (A)	Connection to reservoir (B)	L (inches)	Hex Size (inches)	
A-401	Carbon steel	^{1/2} inch male NPT	^{1/4} inch male NPT	1 5/8	7/8	
A-402	Carbon steel	^{1/2} inch male NPT	^{1/4} inch female NPT	11/2	7/8	
A-403	Carbon steel	^{1/2} inch male NPT	^{3/8} inch male NPT	15/8	7/8	
A-404	Carbon steel	^{1/2} inch male NPT	^{3/8} inch female NPT	111/16	7/8	
A-405	Carbon steel	^{1/2} inch male NPT	^{3/4} inch male NPT	1 ^{7/8}	11/16	
A-406	Carbon steel	^{1/2} inch male NPT	1 inch male NPT	1 15/16	13/8	
A-406	Carbon steel	^{1/2} inch male NPT	1 inch male NPT	23/32	11/16	
Fits all Z-Series breathers and X-100						