

High-Purity Corrosive Series

3700 Filter Series

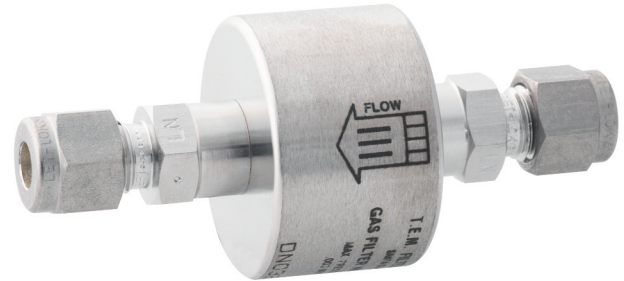
Description: The Airgas® 3710, 3740 and 3770 Filter Series for high-purity corrosive gases are specifically designed for the filtration of anhydrous corrosive gases, (less than 1 ppb).

This sintered nickel fiber media has excellent flow rates at low differential pressures.

Note: Preconditioned units offer the following "out of bag" features: No more than 1 particle/ft³; less than 10 ppb THC; less than 10 ppb moisture.

Gas Filters

MISCELLANEOUS EQUIPMENT



Design Features

99.999999% Removal rating at rated flow

Internal Finish is 7 Ra

100% Helium leak tested to 10-9 atm cc/sec

Available preconditioned

All metal construction has excellent bake-out characteristics

Specifications	
Filtration Ring	100% @ 0.003 microns and larger
Max Operating Pressure	1,000 psig
Operating Temperature	250° F

Materials	
Filter	High-flow Sintered Nickel Fiber
Housing	316L Electropolished Stainless Steel
Seal	PTFE-Coated O-ring
Finish (inside)	7 Ra

Ordering Information					
Product Number	Housing Materials	Max Operating Pressure (psig)	Connections or Fittings (Inlet/Outlet)	Dimensions (inches)	Max Flow (lpm)
Y40-LF3771	316L Stainless Steel	1,000	1/4" Compression	2.88" x 1.0"	30 lpm
Y40-LF3772	316L Stainless Steel	1,000	1/4" Gasket Seal M/F	3.31" x 1.0"	30 lpm
Y40-LF3773	316L Stainless Steel	1,000	1/4" Gasket Seal F/M	3.31" x 1.0"	30 lpm
Y40-LF3774	316L Stainless Steel	1,000	1/4" Gasket Seal F/F	3.31" x 1.0"	30 lpm
Y40-LF3775	316L Stainless Steel	1,000	1/4" Gasket Seal M/M	3.31" x 1.0"	30 lpm
Y40-LF3750	316L Stainless Steel	1,000	1/4" Butt Weld	1.75" x 1.0"	30 lpm
Y40-LF3711	316L Stainless Steel	1,000	1/4" Compression	2.88" x 1.5"	100 lpm
Y40-LF3712	316L Stainless Steel	1,000	1/4" Gasket Seal M/F	3.31" x 1.5"	100 lpm
Y40-LF3713	316L Stainless Steel	1,000	1/4" Gasket Seal F/M	3.31" x 1.5"	100 lpm
Y40-LF3714	316L Stainless Steel	1,000	1/4" Gasket Seal F/F	3.31" x 1.5"	100 lpm
Y40-LF3715	316L Stainless Steel	1,000	1/4" Gasket Seal M/M	3.31" x 1.5"	100 lpm
Y40-LF3751	316L Stainless Steel	1,000	1/4" Butt Weld	1.75" x 1.5"	100 lpm
Y40-LF3728	316L Stainless Steel	1,000	1/4" FNPT	2.68" x 1.5"	100 lpm
Y40-LF3741	316L Stainless Steel	1,000	1/4" Compression	2.88" x 2.0"	150 lpm
Y40-LF3742	316L Stainless Steel	1,000	1/4" Gasket Seal M/F	3.31" x 2.0"	150 lpm
Y40-LF3743	316L Stainless Steel	1,000	1/4" Gasket Seal F/M	3.31" x 2.0"	150 lpm
Y40-LF3744	316L Stainless Steel	1,000	1/4" Gasket Seal F/F	3.31" x 2.0"	150 lpm
Y40-LF3745	316L Stainless Steel	1,000	1/4" Gasket Seal M/M	3.31" x 2.0"	150 lpm
Y40-LF3752	316L Stainless Steel	1,000	1/4" Butt Weld	1.75" x 2.0"	150 lpm