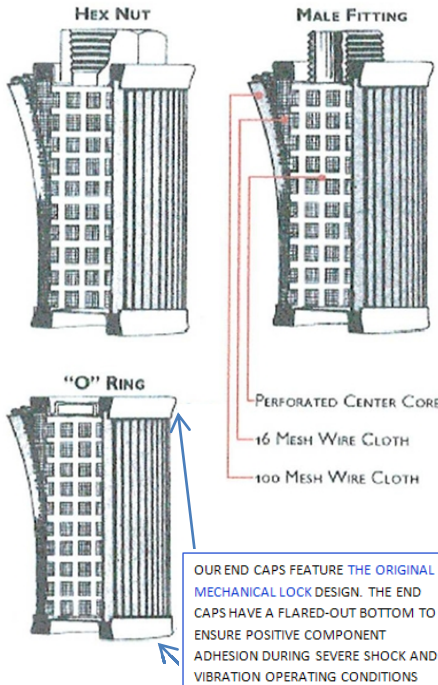


FULL FLOW SUCTION FILTERS AND STRAINERS FOR YOUR HYDRAULIC SYSTEM

EPOXY BONDED



These suction filters/strainers are designed for use in oil (fluid) reservoirs and are fabricated with the highest quality materials by thoroughly qualified technicians so **optimum performance is assured.**

They provide **maximum active filtering area in minimum space.** The filtering medium is longitudinally pleated and consists of a fine mesh stainless steel wire cloth with a strong 16 mesh wire cloth reinforcement.

These units are cleanable. They are non-take apart, utilizing epoxy resin to effect a complete solid bond between the filtering medium, perforated center core and end covers. The perforated metal center core provides rigidity to the unit and warrants **satisfactory application in pressurized reservoirs.**

They will operate at **temperatures from -60° F to +250° F** and are compatible with regular petroleum base hydraulic oils and both aqueous and non-aqueous base fire resistant hydraulic fluids.

Installation of suction filters and their proper maintenance **minimizes pump failures, clogged orifices, sticky valves, and scored cylinders** by removing solid foreign particles and materials from the oil (fluid) when entering the hydraulic system at the pump suction line.

Maintenance of filters will depend on the type of installation and prevailing operating conditions. Cleaning can be accomplished by immersing the filter in a non-caustic cleaning solvent and rubbing the filter medium surface with a soft bristle brush to dislodge the accumulated solid foreign particles and materials.

*Standard Filtering Media Sizes Available: 30 Mesh, 60 Mesh, 100 Mesh, 200 Mesh.
Special Mesh Sizes Available Upon Request.

Technical Data

Filter Number	Rated Capacity G.P.M.	Connection		*Stainless Steel Filtering Media	Dimensions		Diff. Drop Across Filter Inches of Hg	Approx. Ship Weight
		Size	Type		Diameter	Height		
00201	5	1/2" N.P.T.	Male Fitting	100 Mesh	2 15/16"	4 7/16"	0.60	.6 lbs.
04101	5	3/4" N.P.T.	Hex Nut	100 Mesh	2 15/16"	4 5/8"	0.44	.7 lbs.
04201	5	3/4" N.P.T.	Male Fitting	100 Mesh	2 15/16"	4 7/16"	0.44	.6 lbs.
11101	10	1" N.P.T.	Hex Nut	100 Mesh	2 15/16"	5 3/16"	0.60	1.0 lbs.
11201	10	1" N.P.T.	Male Fitting	100 Mesh	2 15/16"	4 15/16"	0.60	.8 lbs.
11301	10	1 5/16" O.D. Tube	O-Ring	100 Mesh	2 15/16"	4 9/16"	0.62	.6 lbs.
22101	20	1 1/4" N.P.T.	Hex Nut	100 Mesh	3 3/8"	7 11/16"	0.44	1.7 lbs.
22201	20	1 1/4" N.P.T.	Male Fitting	100 Mesh	3 3/8"	7 7/16"	0.44	1.3 lbs.
22301	20	1 5/16" O.D. Tube	O-Ring	100 Mesh	3 3/8"	7 1/16"	0.46	1.3 lbs.
33101	30	1 1/2" N.P.T.	Hex Nut	100 Mesh	3 5/8"	8 3/4"	0.56	2.0 lbs.
33201	30	1 1/2" N.P.T.	Male Fitting	100 Mesh	3 5/8"	8 7/16"	0.56	1.6 lbs.
33301	30	1 7/8" O.D. Tube	O-Ring	100 Mesh	3 5/8"	8 1/16"	0.58	1.6 lbs.
53101	50	1 1/2" N.P.T.	Hex Nut	100 Mesh	4 1/4"	9 3/4"	1.22	2.4 lbs.
53201	50	1 1/2" N.P.T.	Male Fitting	100 Mesh	4 1/4"	9 7/16"	1.22	2.0 lbs.
53301	50	1 7/8" O.D. Tube	O-Ring	100 Mesh	4 1/4"	9 1/16"	1.46	2.0 lbs.
55101	50	2" N.P.T.	Hex Nut	100 Mesh	4 1/4"	9 13/16"	0.56	2.7 lbs.
55201	50	2" N.P.T.	Male Fitting	100 Mesh	4 1/4"	9 1/2"	0.56	2.1 lbs.
55301	50	2 3/8" O.D. Tube	O-Ring	100 Mesh	4 1/4"	9 1/16"	0.58	2.1 lbs.
66101	75	2 1/2" N.P.T.	Hex Nut	100 Mesh	4 13/16"	11 1/8"	0.60	3.5 lbs.
77101	100	3" N.P.T.	Hex Nut	100 Mesh	5 11/16"	12 1/4"	0.60	5.0 lbs.

Filtering Media: 100 Mesh (141 Micron Nominal) Stainless Steel Wire Cloth Backed With 16 Mesh Wire Cloth.
Differential Drop at Rated Capacity using 225 SSU (Approximately) Petroleum Base Oil at Five Feet Per Second.

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DOMS
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A VETERAN OWNED COMPANY SINCE 1960

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