



Swagelok Company  
 29500 Solon Rd  
 Solon, OH 44139 U.S.A

440.349.5600  
 440.519.4997 fax

**Certificate of Compliance/Typical Material Certification (EN 10204-2.2)**

Distributor	Customer	Customer PO#
Distributorship Name	Customer Name	Customer PO#
Distributorship Address	Customer Address	

No.	Part Number	Qty	Product ID	Mfg Order #	Reference #
1	Swagelok Part Number	Qty	Product ID #	Mfg Order #	Reference information e.g. customer part #

Information contained in the above customer address column (marked as "Customer") and area marked "Reference" (when applicable) of this certification are for reference purposes only. Swagelok Company makes no stipulations, nor takes responsibility, for the accuracy or reliability of such information.

Swagelok products referenced above are manufactured from material purchased and certified as being in accordance with the specification(s) listed below.

Swagelok products are manufactured under conditions which are free from mercury. No mercury bearing components have been used in the products of your order and no mercury bearing instruments or other equipment have been used in their manufacture, assembly, or testing in such a manner as might cause contamination.

No asbestos or asbestos-containing components are used in Swagelok brand products.

All valves were leak tested in accordance with Swagelok Specifications and found to be acceptable.

All parts were cleaned and packaged in accordance with Swagelok Specifications.

Typical mechanical and/or chemical analysis of the material used in the manufacture of the Swagelok products involved are listed below. These values are average values determined from a sample of certified material test reports. Actual values for a material heat may vary from those indicated.

**MATERIAL STANDARDS**

Components	Material	Standards
Body	316 Stainless Steel Extruded Bar	ASTM A276, ASTM A479, EN 10272

**MECHANICAL PROPERTIES**

Components/Materials	Yield Strength (ksi/MPa)	Tensile Strength (ksi/MPa)	Elongation (%)	% Red. Area
Body	56.5/390	89.8/619	50	70

**CHEMICAL ANALYSIS (%)**

Components/Materials	C	Co	Cr	Mn	Mo	N	Ni	P	S	Si
Body	0.040	0.23	17.58	1.74	2.42	0.050	12.58	0.030	0.020	0.54

The Swagelok® products specified above are certified for use in commercial-grade (non-Nuclear Safety Related) applications and were manufactured in accordance with Swagelok Company's Quality Manual (SQS-F latest revision, revision XX, dated MM DD, YYYY). Swagelok Company's Quality System is approved to ISO 9001 (BSI Certificate # FM01729).

*Signature*

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 Title of authorized person  
 Name of authorized person