

Avantor single-use transfer hose

Featuring Avantor SterilEnz™ connections for added efficiency in high-pressure applications

Designed for applications where pressures would exceed normal biopharmaceutical processes, Avantor single-use transfer hose with Avantor SterilEnz™ connections maintain the durability of high-pressure hose products while providing the benefits and flexibility of single-use assemblies.

A 1" sanitary connection using the SterilEnz™ multi-barb design and end connections are secured using crimp collars to provide complete compression for improved pressure capabilities. An affixed gasket that remains attached to the sanitary connection, even when disconnected, prevents gasket misalignment or loss during installation.

Suitable for elevated temperatures and pressures up to 150 PSI, Avantor single-use transfer hose with SterilEnz™ connections are pre-sterilized and gamma irradiated to SAL 10⁻⁶, then packaged in a double polybag as an added convenience for customers. The 1" inner diameter supports high-flow rates, while the 5- and 10-foot lengths meet the requirements for many bioprocessing applications (custom lengths available upon request).

Quality assurance

Avantor utilizes a fully-validated sourcing program for platinum-cured silicone braided hose to ensure quality, reliability and suitability in biopharmaceutical applications. Avantor single-use transfer hose products are manufactured in ISO 9001 certified, FDA- and cGMP-compliant cleanroom facilities.

- Detailed Certificate of Compliance and Certificate of Quality accompany all single-use assemblies
- Backing certifications for assembly components are retained and readily available upon request
- Animal origin-free or EMA/410/01 compliant materials
- Sterility validation per ANSI/AAMI/ISO 11137 (VDmax25)



Application information

Materials of construction	
Braided hose	Platinum Cured Silicone Nylon braid
SterilEnz sanitary connection with integrated gasket	Platinum Cured Silicone PVDF
Crimp collars	Stainless steel



Pressure PSI	Duration (Time)	Temperature (C°)
125	10 minutes	20° to 65°
100	6 hours	-20°
75	6 hours	-65°

Additional testing data may be available upon request. For more information, contact your Avantor account manager.

Product	Length	Inner diameter	End connections	Sterility	Vendor part number	NA Cat. No.	EU/AMEA Cat. No.
High pressure hose	60"	1"	1" sanitary connection	Gamma	16SR10P10P60	76379-730	734-3323
High pressure hose	120"	1"	1" sanitary connection	Gamma	16SR10P10P120	76379-732	734-3324