

TECHNICAL INFORMATION

Tri-Canada

Sanitary Hose Assembly Properties Table

	Braided Silicone	Wire Reinforced Silicone	Fluoropolymer (Teflon)	FDA Rubber	Clear PVC
Size Range	1/8"-2"	1/2"-4"	1/8"-4"	1/2"-4"	1/4"-2"
Relative Cost	High	High	Medium	Medium/Low	Low
Pressure Capabilities	Fair/Good	Good	Excellent	Good	Fair
Temperature Capabilities	Good	Good	Excellent	Fair	Poor
Relative Flexibility	Excellent	Good	Varies per Product	Good	Good
Chemical Resistance	Good (No Solvents)	Good (No Solvents)	Excellent	Good	Good
Autoclavable	Yes	Yes	Yes	No	No
SIP Capable	Yes	Yes	Yes	No	No
Approvals	FDA, USP Class VI	FDA, USP Class VI	FDA, USP Class VI	FDA	FDA

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General Guidelines for Making Application Decisions

While each sanitary hose application is unique, we have been able to identify 5 different criteria that seem to be a common thread to be considered when making a decision on the correct sanitary hose for any specific process application.

Process Fluid: Are there chemical compatibility issues with the process and/or cleaning fluid?

Temperature: What is the process and the cleaning temperature?

Sterilization: Will the sanitary hose be steamed or autoclaved?

Flexibility: How flexible does the sanitary hose need to be? Will the hose be static or will it be a dynamic application where the hose is constantly flexing?

Certification/Validation Criteria: What level of certification is needed? All the sanitary hose assemblies we sell meet FDA guidelines, many are USP Class VI certified and some come with extensive amounts of validation data.

Once the different parameters have been established, the table below can be used as a general guide to assist in the product selection for a sanitary hose application.

Our experienced staff members can assist you in the sanitary hose selection process to ensure you get the highest quality, most cost-effective solution to your sanitary hose process application. Call a Tri-Canada Sales Representative at **905-677-9000** or emailing **sales@tricanada.com**.