Chemical Compatibility of Petroleum Hose

This information was provided to McMaster-Carr by our suppliers. It is to be used only as a general reference guide to aid in the selection of products in which chemical and material compatibility issues are a factor. This guide is not intended as a complete nor conclusive database. McMaster-Carr does not guarantee these ratings since the resistance of material can be greatly affected by the temperature, consistency, and presence of other chemicals. Ultimately, the consumer must determine the chemical compatibility on an item based on the conditions in which the product is being used.

Key to Ratings

A	***No Effect—*** Excellent chemical resistance. No performance degradation.
B	***Moderate Effect—*** Some chemical resistance. Some performance degradation. Shortening of product life.
C	***Not Recommended—*** Questionable resistance. Do not use.
D	***Information Not Available—*** No information available for this item.

Key to Numbers

1	Up to 100° F

	55145K Flexible Petroleum Hose with Two Male Fittings	**55145K Flexible Petroleum Hose with Cam-and-Groove Couplings**	**56315K Petroleum Hose without Fittings**	**56315K Petroleum Hose with Two Male Fittings**	**56315K Petroleum Hose with One Male and One Female Fitting**	**56315K Fuel Oil Hose without Fittings**	**56315K Fuel Oil Hose with Two Male Fittings**	**56315K Fuel Oil Hose with One Male and One Female Fitting**	**5230K Biodiesel Hose without Fittings**	**5230K Biodiesel Hose with Two Male Fittings**	**5230K Biodiesel Hose with One Male and One Female Fitting**
Biodiesel	A	A	C	C	C	C	C	C	A (1)	A (1)	A (1)
Diesel Fuel	A	A	A (1)	A (1)	A (1)	A	A (1)	A (1)	A (1)	A (1)	A (1)
Ethanol	A	A	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)
Fuel Oil	A	A	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)
Gasoline	A	A	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)
Kerosene	B	B	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)	A (1)

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