

ELASTOMERIC CHEMICAL COMPATIBILITY

Mesa Rubber Company Elastomer								
	6036	6047	6065	6070	7010	A-26	SC1000	SC1400
Chemical								
Acetic Acid Glacial	D	D	D	A	A	D	D	D
Acetone	D	D	D	A	C	D	D	D
Acrylate	C	A	-	A	A	C	C	C
Acrylonitrile	D	D	D	A	A	D	D	D
AV-Gas	A	A	A	A	A	A	A	A
Benzene (Benzol)	B	B	A	A	A	D	D	C
Bunker C Fuel	A	A	A	A	A	A	A	A
Bunker Oil	A	A	A	A	A	A	A	A
Carbon Disulfide	D	D	D	A	A	D	D	D
Chlorinated Hydrocarbons	D	D	B	A	C	D	D	D
Chlorinated Solvents	D	D	A	A	C	D	D	D
Crude Oil (Sour)	A	A	A	A	A	A	A	A
Crude Oil (Low Sulphur)	A	A	A	A	A	A	A	A
Cumene	A	A	A	A	A	A	A	A
Cyclohexane	D	A	A	A	A	D	D	C
Diesel#2	A	A	A	A	A	A	A	A
Distillate Gasoline (40% Aromatic)	A	A	A	A	A	A	A	A
Dicyclopentadiene	B	B	-	A	A	B	B	B
Ethyl Butyl Alcohol	A	A	A	A	A	A	A	A
Ethanol	C	A	A	A	A	D	D	A
Gasoline/Ethanol	B	A	-	A	A	B	B	*
Gasoline/MTBE 80/20	A	A	C	A	A	A	A	*
Gasoline (Unleaded)	A	A	C	A	A	A	A	*
Hexane	A	B	A	A	A	A	A	B
Hydrogen Sulfide (Concentrated)	C	D	A	A	A	C	C	D
Jet "A" Fuel	A	A	A	A	A	A	A	A
Kerosene	A	A	B	A	A	A	A	A
Mesa Fluid "X"	A	B	A	A	A	B	A	*
Mesa Fluid "Y"	B	B	A	A	A	C	C	*
Mesa Fluid "Z"	D	B	D	A	A	D	C	*
Methanol	D	A	D	A	A	D	D	A
Methyl Ethyl Ketone	D	D	D	A	A	D	D	D
MTBE 100%	A	A	A	A	A	A	B	A
Naphtha (Petroleum)	A	A	A	A	A	A	B	B
Naphtha (Coal Tar)	D	D	A	A	A	D	D	D
Octane	A	A	A	A	A	A	A	A
Pentane	A	A	A	A	A	A	C	B
Platformate	B	A	-	A	A	B	B	B
Reformate	B	A	-	A	A	B	B	B
Styrene (Monomer)	D	D	-	A	B	D	D	D
Sulfolane	D	B	-	A	A	D	D	D
Toluene	B	B	A	A	A	D	D	D
Vinyl Acetate	A	D	D	A	A	C	C	D
Vinyl Acetate (Monomer)	D	D	-	A	B	D	D	D
Water	B	A	A	A	A	C	C	A
Xylene	B	D	A	A	A	B	C	D

Ratings	
A	Suitable for continuous liquid and vapor service
B	Suitable for intermittent liquid service and continuous vapor service
C	Suitable for intermittent service
D	Not recommended
*	Consult factory
—	No test data available

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Mesa Fluids

MESA FLUID "X"	70% ASTM Fuel "C"	30% MTBE
MESA FLUID "Y"	70% ASTM Fuel "C"	30% Ethanol
MESA FLUID "Z"	70% ASTM Fuel "C"	30% Methanol

Elastomer and Reinforcement Specifications

Elastomer Product Number	Description	Gauge (inches)
6036FCA	Mesathane Urethane over Polyester Scrim	.020, .025, .035, .045
6047P	Nitrile/Vinyl over Polyester Fabri	.045, .093
6065	Fluroelastomer over Polyester Fabric	.040
60702LF	PTFE Coated and Laminated Fiberglass Fabric	.014, .020, .025
6070F	PTFE Coated Fiberglass Flexibilized Fabric	.010, .014, .020
7010	Mesalon and Polyester Scrim	.020, .035
A-26	Mesathane Urethane Sheet	.125, .1875, .250
SC 1000	Superchem Mesathane Urethane Wedge	.625 tapered to .3125
SC 1000 Sheet	Superchem Mesathane Urethane Sheet	.125, .1875, .250
SC 1400	Solid Nitrile/Vinyl Solid Wedge	.5625 tapered to .125

The technical data contained herein is offered as a guide to the use of elastomers and Mesa seal materials in general. It is given and accepted at the user's risk. This data is based on Mesa in-house tests, independent laboratory tests, rubber industry test data and field installation experience of over 30 years. The majority of tests were conducted at ambient temperatures (32 deg. F to 100 deg. F). Temperatures beyond this range must be considered as performance factors of longevity. Confirmation for use of this data in specific applications should be obtained through Mesa Rubber Company. Mesa Rubber makes no guarantee of results and assumes no obligation or liability in connection with this guide. This document is not to be taken as a license to operate under, or recommendation to infringe any patents.

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