

**SOLENOID VALVES . . .****Media Table for Valve Series**

Media	2 W.N.C Series 20, 30 50, 70 & E20 S.S. Body	2 W.N.C. Series 20 & 30 Brass Body	2 W.N.O. & All 3 W. Series 20, 50, 70 & E20 S. S. Body	2 W.N.O. & All 3 W. Series 20 Brass Body
Acetic Acid	NR	NR	NR	NR
Acetone	PP	PP	PP	PP
Air (up to +180 F. to +300 F.)	V	V	V	V
Alcohol (Methyl)	PP	PP	PP	PP
Alcohol (General)	R	R	R	R
Alkali	PP	NR	PP	NR
Ammonia	PP	NR	PP	NR
Argon	R	R	R	R
Aromatic Amines	PP	NR	PP	NR
Benzene	V**	NR	V**	NR
Butane	R	R	R	R
Carbon Dioxide (Dry Gas)	R	R	R	R
Carbon Tetrachloride	V**	NR	V**	NR
Chlorinated Hydro-Carbon	PP	PP	PP	PP
Chlorine (Dry)	*PP	NR	PP	NR
Chlorine (Wet)	NR	NR	NR	NR
Citric Acid	NR	NR	NR	NR
Diesel Fuel	R	R	R	R
Ethers	R	R	R	R
Ethyl Acetate	PP	NR	PP	NR
Ethylene (Glycol)	R	R	R	R
Formaldehyde	K*	NR	K*	NR
Freon - 11	K	NR	K	NR
Freon - 12	R	R	R	R
Freon - 22	N	N	N	N
Freon - (Other)	PP	PP	PP	PP
Fuel Oil	R	R	R	R
Gasoline (High Test)	V**	V**	V**	V**
Gasoline (Low Test)	R	R	R	R

**CODE**

R = Recommended  
 NR = Not Recommended  
 PP = Consult Peter Paul  
 V = FKM Plunger Inserts  
 N = Neoprene® Plunger Inserts  
 T = Teflon® Plunger Inserts  
 NE = Nordel Plunger Inserts

# Air & Inert Gases—if application involves continuous energization of valves Type “V” inserts should be used to prolong valve life on 3 Way applications. Do this also if “dead ending” (no flow when energized).

\* Teflon® Flange Seal  
 \*\* With FKM Flange Seal  
 \*\*\* Aluminum Shading Ring

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<b>Hydraulic Oil</b>				
Non-Flammable	NR	NR	NR	NR
Standard	R	R	R	R
Hydrochloric Acid	NR	NR	NR	NR
Hydrogen	R	R	R	R
# Inert Gases	R	R	R	R
JP4 - JET Fuel	V	V	V	V
JP5 - JET Fuel	V	V	V	V
Kerosene	R	R	R	R
Ketones	PP	NR	PP	NR
Lacquer	PP	PP	PP	PP
Linseed Oil	R	R	R	R
Lubrication	R	R	R	R
Mercury	R***	NR	R***	NR
Natural Gas	R	R	R	R
Nitric Acid	PP	NR	PP	NR
Nitrogen	R	R	R	R
Oxalic Acid	NR	NR	NR	NR
Oxygen	R	R	R	R
Phosphoric Acid	NR	NR	NR	NR
Propane	R	R	R	R
Salt Water	R	RR	R	PP
Sodium Hydroxide	NR	NR	NR	NR
Solvents	PP	PP	PP	PP
Steam	PP	NR	PP	NR
Toluene	PP	PP	PP	PP
<b>Water</b>				
Under +175 F.	R	R	NI	NI
Over +175 F.	NI	NI	NI	NI

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