



# HARKNESS Industries, Inc.

## PRECISION CAST URETHANE

### Environmental Resistance

Environmental Resistance Of Polyurethane Elastomers  
and some Conventional Rubbers

Environment	Polyester Polyurethane Elastomers	Polyether Polyurethane Elastomers	Natural Rubber Rubber	Neoprene Rubber	Styrene Butadiene Rubber
Heat	G	F	F	G	G
Cold	G	G	E	G	G
Weather	E	E	P	G	F
Ozone Resistance	E	E	P	F	P
ASTM No. 1 Oil	E	F	P	G	P
ASTM No. 3 Oil	E	P	P	G	P
Aliphatic Solvents e.g., Heptane	E	F	P	G	P
Chlorinated Solvents e.g., Trichloroethane	F - G	P	G	P	P
Aromatic Solvents e.g., Toluene	F	P	P	F	P
Dilute Acids e.g., 5% HNO <sub>3</sub>	P-F	F	G	G	F - G
Dilute Alkalies e.g., 5% NaOH	P-F	F	G	G	F - G

E - excellent    G - good    F - fair    P - poor