CHEMICAL RESISTANCE

MATERIAL	WATER	INORGANIC SALT SOLUTION	MILD ACID	STRONG ORGANIC ACID	STRONG ACID	HYDRO-FLUORIC ACID	OXIDANT ACID	MILD ALKALINE SOLUTION	STRONG ALKALINE SOLUTION	ALIPHATIC	AROMATIC HYDRO-CARBON
HIGH CARBON AISI 1085	-	-	-	-	-	-	-	=	•	♦	♦
CHROME STEEL AISI 52100	-	-	=	-	-	-	-	•	•	♦	♦
STAINLESS STEEL AISI 420-C	♦	-	-	=	-	-	=	•	-	♦	♦
STAINLESS STEEL AISI 440-C	♦	-	-	•	-	-	♦	•	•	•	♦
STAINLESS STEEL AISI 304	♦	•	•	•	•	•	•	•	•	♦	♦
STAINLESS STEEL AISI 316	♦	♦	•	•	•	•	•	•	•	•	♦
TITANIUM	♦	•	•	**	•	-	•	♦	**	♦	♦
ALUMINIUM	♦	**	•	**	=	-	•	**	=	♦	♦
TUNGSTEN CARBIDE	♦	•	-	=	-	-	-	-	=	♦	♦
BRASS	•	=	-	=	-	=	-	•	•	**	**
BRONZE	♦	=	•	•	=	•	-	•	-	♦	♦
SODA-LIME GLASS	♦	♦	♦	**	**	-	♦	♦	**	♦	**
PA(NYLON)	**	♦	-	=	-	-	-	**	•	♦	♦
POM(DELRIN)	**	♦	=	**--	-	-	-	♦	♦	♦	**
PP(POLYPROPYLENE)	♦	♦	♦	♦	-	•	-	♦	♦	♦	=
PTFE(TEFLON)	♦	♦	♦	♦	♦	**	♦	♦	♦	♦	♦
PUR(VULKOLLAN)	•	-	-	-	-	-	-	-	-		-
SILICON NITRIDE	♦	♦	♦	**	**	=	•	♦	•	♦	♦
ZIRCONIUM OXIDE	♦	♦	♦	♦	♦	=	♦	♦	♦	♦	♦
ALUMINIUM OXIDE	♦	♦	♦	•	♦	=	♦	♦	•	♦	♦
♦ RESISTANT											
** ADEQUATELY RESISTANT											
• LIMITEDLY RESISTANT											
= GENERALLY NOT RESISTANT											
- ABSOLUTELY NOT RESISTANT											

CHEMICAL RESISTANCE

	CHLORINATED HYDRO-CARBON	CHLORINATED SATURATED HYDRO-CARBON	LOW ALCOHOL CONTENT	ESTER	KETONE	ETHER	BENZENE	FUEL MIXTURE	MINERAL OIL	GREASE OIL	TURPENTINE
HIGH CARBON AISI 1085	•	•	♦	•	♦	♦	♦	♦	♦	♦	•
CHROME STEEL AISI 52100	•	•	♦	•	♦	♦	♦	♦	♦	♦	•
STAINLESS STEEL AISI 420-C	•	-	♦	♦	♦	♦	♦	♦	♦	♦	♦
STAINLESS STEEL AISI 440-C	•	-	♦	♦	♦	♦	♦	♦	♦	♦	♦
STAINLESS STEEL AISI 304	**	-	♦	♦	♦	♦	♦	♦	♦	♦	♦
STAINLESS STEEL AISI 316	♦	-	♦	♦	♦	♦	♦	♦	♦	♦	♦
TITANIUM	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
ALUMINIUM	•	•	♦	♦	♦	♦	♦	♦	♦	♦	♦
TUNGSTEN CARBIDE	♦	♦	♦	♦	♦	♦	♦	♦	♦	**	♦
BRASS	**	♦	**	♦	♦	♦	♦	♦	♦	♦	♦
BRONZE	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
SODA-LIME GLASS	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
PA(NYLON)	=	**	♦	♦	♦	♦	♦	**	♦	♦	•
POM(DELRIN)	♦	♦	♦	-	♦	♦	**	♦	♦	♦	•
PP(POLYPROPYLENE)	-	-	♦	•	•	•	=	=	•	**	-
PTFE(TEFLON)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
PUR(VULKOLLAN)	-	-	•	•	-	-		♦		♦	-
SILICON NITRIDE	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
ZIRCONIUM OXIDE	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
ALUMINIUM OXIDE	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
♦ RESISTANT											
** ADEQUATELY RESISTANT											
• LIMITEDLY RESISTANT											
= GENERALLY NOT RESISTANT											
- ABSOLUTELY NOT RESISTANT											