

Clearitas Pump Material Selection Guide

The following list of material compatibilities is provided to assist in pump selection. Clearitas does not gas-off and does not require a degassing head. A general rule of thumb is to select pump materials that are compatible with common oxidizers such as bleach.

Aluminum	Not Recommended
Carbon Steel	Not Recommended
Cast/Ductile	Not Recommended
304 Stainless Steel	Fair to Poor
316 Stainless Steel	Fair to Poor
Acetal	Not Recommended
Buna	Fair to Poor
CSM (Hypalon)	Excellent
EPR, EPDM	Good
Fluorocarbon	Good
Fluoroelastimer (FKM)	Good
Geolast (Buna & Polypropylene)	Not Recommended
Hastelloy C	Good
TPE	Fair to Poor
Nitrile	Not Recommended
Nylon	Not Recommended
Polychloroprene	Not Recommended
Polypropylene	Fair to Poor
PTFE	Excellent
PVDF	Excellent
Santoprene (EPDM & Polypropylene)	Good
UHMWPE	Good
Urethane	Not Recommended

Table 1 – Clearitas compatibility with common pump and chemical injection materials.