

SEAL IDENTIFICATION GUIDE™

Seat Styles

A) Cup Mounted



B) L cross section seat, O ring mounted or PTFE washer in place of O ring. Also long version with pin slot behind O ring.



C) O ring mounted, groove in seat OD. With or without pin hole/slot



D) Block type seat sealed by O ring in groove in pump housing. With or without pin hole/slot



E) Clamp in seat
T or L cross section



FACE MATERIALS

Carbon - Black material similar to pencil lead/graphite can be scraped with knife or file.
Ceramic - White/cream or brown, fairly hard wearing but brittle. Easily discolours as porous.
Tungsten - Dull grey colour, shiny when polished. Heavy, dense material, hard but robust.
Silicon Carbide - Black material, very hard but brittle. Lightweight
Steel - Generally Ni-resist or Stainless Steel. Wears badly, can be remachined.

ELASTOMERS

Nitrile - General purpose & oils. Temperature range -40 to +110°C
Neoprene - Generally for Refrigerants. Temperature range -40 to +110°C
Viton - Generally for chemicals & high temperatures. Temperature range -25 to +205° C
EP - Generally for hot water & some chemicals. Temperature range -50 to +150°C