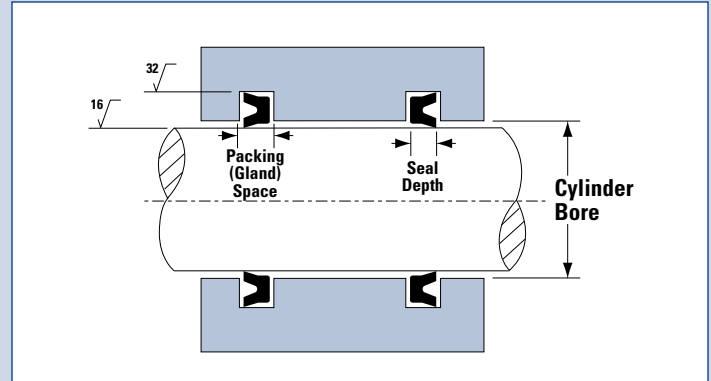


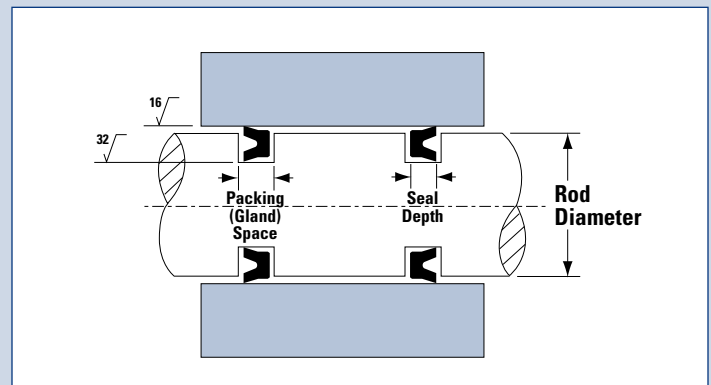
The lips of the U-Cup should always be toward the pressure force.

The U-Cup is a floating seal which means the height of the U-Cup should be between .015" to .090" shorter than the depth of the gland. (See the Packing Space Chart below). The added gland space allows the pressure to equalize on both lips, thus keeping the U-Cup from rolling.

The surface finish for a static seal surface should be 32 RMS maximum. The dynamic surface should be in the range of 8 to 16 RMS. Finishes rougher than 16 RMS could cause premature lip wear and finishes finer than 8 RMS can result in failure of the seal due to loss of lubrication.



Rod Seal



Piston Seal

Packing Space Chart								
Seal Depth	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4
Packing	.137	.206	.274	.342	.411	.548	.685	.822
Space	.142	.212	.281	.351	.421	.560	.700	.839