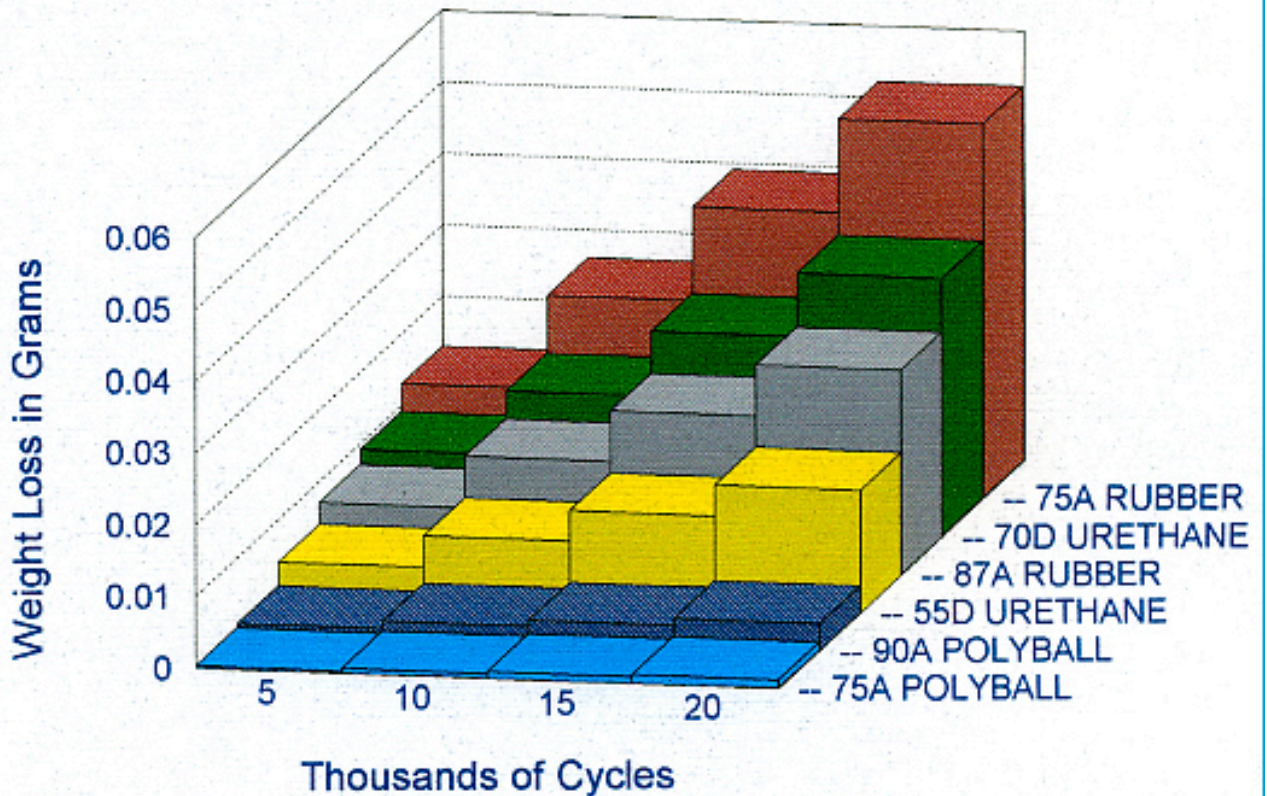


# Thelin Abrasion Test

## Mat'ls Abraded by Silicone Carbide



The above graph illustrates the abrasion incurred when elastomeric samples are tested according to the Thelin test.

The Thelin test utilizes silicone carbide powder, sandwiched between two samples of the test material. These samples are abraded against each other, resulting in material loss. At prescribed intervals, the samples are weighed for material loss and fresh silicone particles are injected between the abrading surfaces.

Steel, abraded according to the above test, incurred a 392 mg weight loss versus 1.2 mg loss for 80A durometer polyurethane elastomer.