

HOFMANN

HOFMANN WEAR RESISTANT PRODUCT

WEAR LIFE COMPARISON OF VARIOUS LINING MATERIAL

MATERIAL	A/V RELATIVE WEAR RESISTANCE
POLY URETHANE	0.2
MILD STEEL	1.0
DUCTILE/STAINLESS STEEL	1.1
ABRASION RESTANT STEEL	2.1
CAST BASALT	2.7
CAST CHROME ALLOY	2.9
HIGH CHROME/NIHARD	4.5
SILICONE CARBIDE	8.5
ALUMINA CERAMIC	8.8

WEAR RESISTANT BASED ON THICKNESS LOSS

IN OTHER WAY ALUMINA LAST

- 2 times longer than High Chrome/Ni-Hard
- 3 times longer than Cast Chrome Alloy
- 3 times longer than Cast Basalt
- 4 times longer than Abrasion Resistant Steel
- 8 times longer than Stainless Steel
- 9 times longer than Mild Steel
- 43times longer than Polyurethane

The above data has been excerpted from the particle induced abrasion and erosion test conducted.

Compiled by:

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