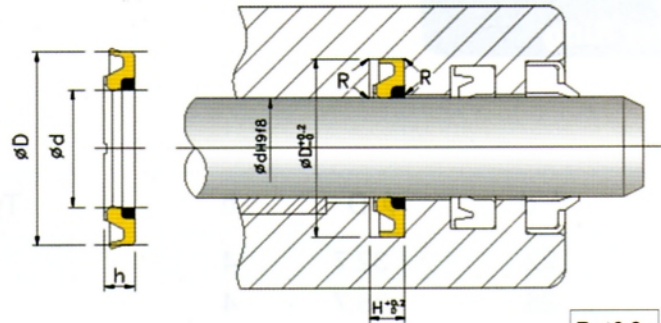


**D-10
Buffer Ring**



Surface Roughness
Rod Surface 0.8~1.6 μmRmax (0.2~0.4 μmRa)

Mechanical Properties

- Material: M-95
- Specific Gravity (ASTM D792): 1.20
- Hardness (ASTM D2240): 95 \pm 2
- Tensile Strength (ASTM D412): 286
- 100% Modulus (ASTM D412): 149
- 300% Modulus (ASTM D412): 203
- Compression Set 22h/70 °C (ASTM D395): 20
- Compression Set 22/100 °C (ASTM D395): 36

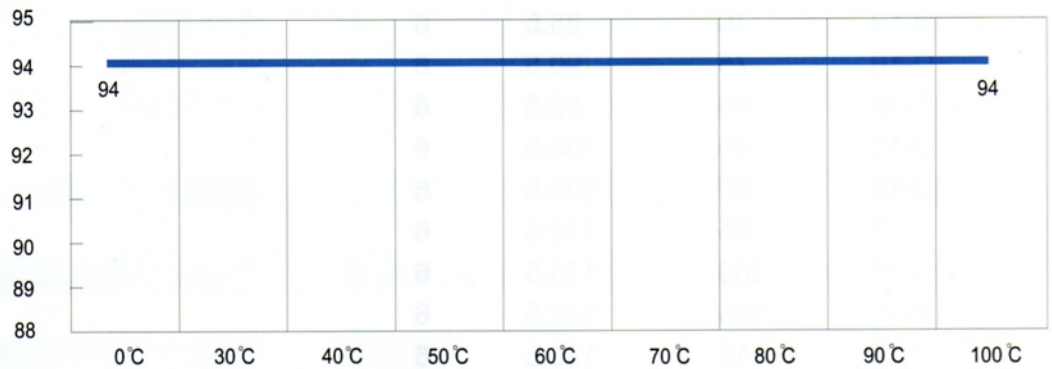
Working Conditions

- Max. Working Pressure: 50 Mpa
- Working Speed: 0.03~1.0 m/sec
- Working Temp.: -20~100 °C

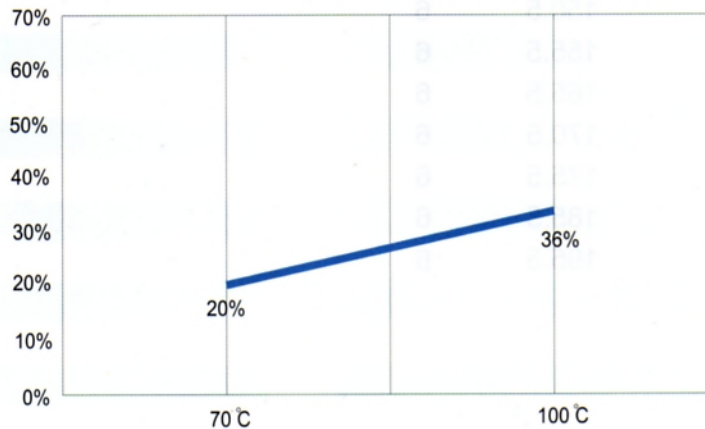
Oil Resistance

- Testing Oil: Hydraulic Oil
- Material: M-95
- Testing Temp. (°C) : 100/120
- Testing Time (Hour) : 100/100
- Hardness Variation (Shore A) : 0/-1
- Tensile Strength Variation (%) : -20/-33
- Volume Variation (%) : +0.6/+1.0

Influence of Temperature on Hardness (Shore A)



Compression Set



Type	ϕ d	ϕ D	h
D-10"	1 1/2	2 1/16	1/8
D-10"	1 1/4	1 13/16	1/8
D-10"	1 3/4	2 5/16	1/8
D-10"	2	2 9/16	1/8
D-10"	2 1/2	3 3/16	3/16
D-10"	2 1/4	2 15/16	3/16
D-10"	2 3/4	3 3/8	3/16
D-10"	3	3 5/8	3/16
D-10"	3 1/2	4 3/16	3/16
D-10"	4	4 5/8	3/16

Type	ϕ d	ϕ D	h