

Surface Roughness  
Rod Surface 0.8~1.6  $\mu$ mRmax(0.2~0.4  $\mu$ mRa)

## DH-05 Dust Wiper

### Mechanical Properties

- Material: L-93
- Specific Gravity(ASTM D792): 1.19
- Hardness(ASTM D2240): 90 $\pm$ 2
- Tensile Strength(ASTM D412): 397
- 100% Modulus(ASTM D412): 97
- 300% Modulus(ASTM D412): 175
- Compression Set22h/70°C(ASTM D395): 14
- Compression Set22h/100°C(ASTM D395): 27

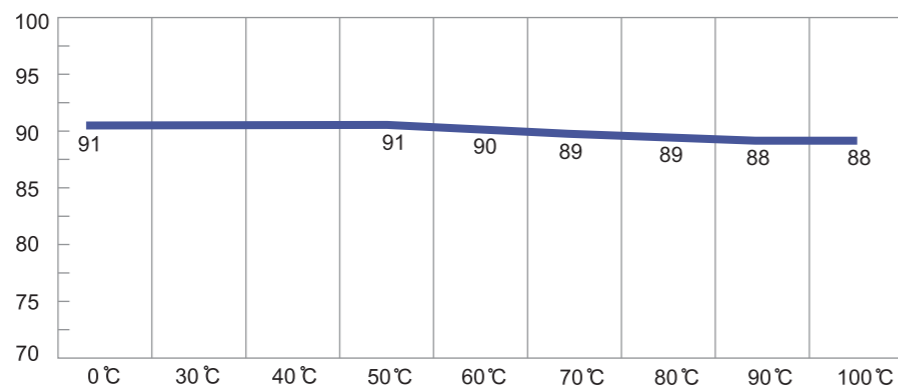
### Working Conditions

- Working Speed: 0.03~0.5 m/sec
- Working Temp.: -20~100°C

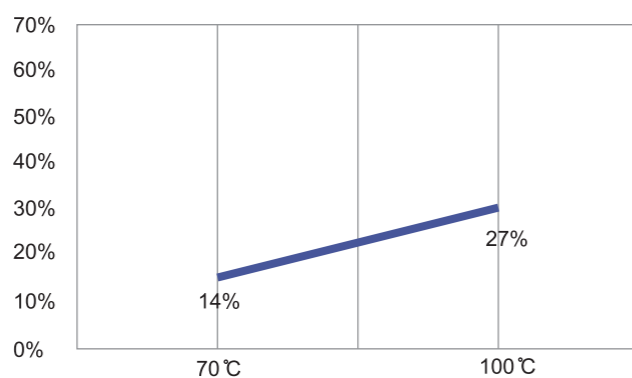
### Oil Resistance

- Testing Oil: Hydraulic Oil
- Material: L-93
- Testing Temp. (C) : 100/120
- Testing Time(Hour): 100/100
- Hardness Variation(Shore A): 0/-1
- Tensile Strength Variation (%) : -12/-21
- Volume Variation (%) : +0.04/+0.68

Influence of Temperature on Hardness (Shore A)



Compression Set



Type	Ø d	Ø D	t	h	H
DH-05	18	25	3.8	5.2	4
DH-05	18	26	4	7	4.3
DH-05	18	28.5	6	8.4	6.3
DH-05	18	30	6	6.5	6.3
DH-05	19	26	2.5	4	2.8
DH-05	20	28	5	7	5.3
DH-05	25	33	3	5	3.3
DH-05	28	36	5	7	5.3
DH-05	30	38	5	7	5.3
DH-05	30	38.6	4.5	6.5	4.8
DH-05	32	40	3.7	6.5	4
DH-05	33	40.6	1.6	3	2
DH-05	35	43	5	7	5.3
DH-05	35	43.6	4.5	6.5	4.8
DH-05	36	44	5	7	5.3
DH-05	37	45	5	6.5	5.3
DH-05	38	46	2.5	4	2.8
DH-05	40	48.6	4.5	6.5	4.8
DH-05	42	50	5	7	5.3
DH-05	50	58	5	6.5	5.3
DH-05	50	60	5	7	5.3
DH-05	50	60.6	4.5	6.5	4.8
DH-05	50.8	63.5	4.5	7.7	4.8
DH-05	50.8	63.5	6.35	9.52	6.5
DH-05	55	65	5	7	5.3
DH-05	60	68	5	7	5.3
DH-05	63	71	5	6.5	5.3
DH-05	76.2	88.9	6.4	10	6.5
DH-05	78	86	5	7	5.3
DH-05	80	88.6	5	7	5.3
DH-05	86.5	101.5	6.5	10.3	6.5
DH-05	97	105	5	7	5.3
DH-05	100	112	7	12	7.1
DH-05	105	118	7	12	7.1
DH-05	111	126	6.5	10.3	6.8
DH-05	115	126	5.2	8	5.5
DH-05	124	139	6.5	10.3	6.8
DH-05	135	147	7	12	7.1
DH-05	150	169	7	11	7.1
DH-05	163	175.2	7	10	7.1
DH-05	200	215	10	16	10.2

Type	Ø d	Ø D	t	h	H
DH-05	240	260	12	17	12.1
DH-05	260	275.2	9.8	15	10.0
DH-05	266.3	307.2	10.4	24.6	10.5