



Max. Operating Conditions	
Temperature (°C)	- 30 / + 110
Speed (m/s)	≤ 1
Media:	Hydraulic fluids upon oil-basis, hardly inflaming hydraulic fluids, HFA-, HFB-Liquids

Recommended Surface Finish		
Surface roughness	R_a	R_t
Groove bottom	≤ 1,6 μm	≤ 16 μm
Groove flanks	≤ 1,6 μm	≤ 16 μm
Running surface	≤ 0,3 μm	≤ 3 μm

Material	
Polyurethane	PU

Technical Description

The wiper/scraper ring **W4-PUK** is manufactured in Polyurethane as standard.

This wiper/scraper ring has a metal cage on the outside diameter. The overdimension on the outside diameter of the wiper/scraper ring provides for a tight seating in the groove.

The energised wiping edge lying on the piston rod prevents the penetration of foreign matters and water.

The finish **W4-PUK** has an introversived wiping edge and is eligible for difficult applications, e.g. like earth-movement machines.

Please kindly send us your request for quotation for available and required sites.

Type designation	∅ d	∅ D	L
W4 - 12 - 20 - PUK	12	20	4,0
W4 - 15 - 21 - PUK	15	21	5,0
W4 - 15,9 - 23 - PUK	15,9	23	5,0
W4 - 20 - 28 - PUK	20	28	5,0
W4 - 25 - 32 - PUK	25	32	7,0
W4 - 25 - 38 - PUK	25	38	7,5
W4 - 30 - 40 - PUK	30	40	4,0
W4 - 30 - 40/1 - PUK	30	40	4,5
W4 - 30 - 43 - PUK	30	43	7,5
W4 - 35 - 45 - PUK	35	45	4,0
W4 - 35 - 45/1 - PUK	35	45	4,5
W4 - 35 - 50 - PUK	35	50	7,5
W4 - 36 - 46 - PUK	36	46	7,0
W4 - 36 - 48 - PUK	36	48	6,0
W4 - 40 - 50 - PUK	40	50	4,0
W4 - 40 - 50/1 - PUK	40	50	4,5
W4 - 40 - 52 - PUK	40	52	6,0
W4 - 45 - 55 - PUK	45	55	4,0
W4 - 45 - 55/1 - PUK	45	55	5,0
W4 - 45 - 55/2 - PUK	45	55	3,2
W4 - 45 - 60 - PUK	45	60	7,5
W4 - 50 - 60 - PUK	50	60	4,0
W4 - 50 - 60/1 - PUK	50	60	7,0
W4 - 50 - 63 - PUK	50	63	4,0
W4 - 50 - 65 - PUK	50	65	7,5
W4 - 55 - 65 - PUK	55	65	3,2
W4 - 55 - 70 - PUK	55	70	7,5
W4 - 56 - 70 - PUK	56	70	7,5
W4 - 60 - 70 - PUK	60	70	7,0
W4 - 60 - 70/1 - PUK *	60	70	5,0

Wiper/Scraper ring Type

Dimension

Material/Type

Ordering example: Wiper/Scraper Ring ∅ d 40 x 50 x 4 Polyurethane

Order designation: W4 - 40 x 50 x 4,0 - PUK

Designation of material: PU - Polyurethane

Type designation	∅ d	∅ D	L
W4 - 60 - 75 - PUK	60	75	7,5
W4 - 60 - 75/1 - PUK	60	75	4,0
W4 - 63 - 78 - PUK	63	78	7,5
W4 - 65 - 75 - PUK	65	75	7,0
W4 - 65 - 75/1 - PUK *	65	75	4,5
W4 - 65 - 80 - PUK	65	80	7,5
W4 - 65 - 80/1 - PUK	65	80	5,0
W4 - 70 - 80 - PUK *	70	80	4,5
W4 - 70 - 80/1 - PUK	70	80	5,0
W4 - 70 - 80/2 - PUK	70	80	7,0
W4 - 70 - 84 - PUK	70	84	8,0
W4 - 70 - 85 - PUK	70	85	7,5
W4 - 70 - 85/1 - PUK	70	85	4,0
W4 - 71 - 86 - PUK	71	86	5,0
W4 - 75 - 90 - PUK *	75	90	4,5
W4 - 75 - 90/1 - PUK	75	90	7,5
W4 - 75 - 95 - PUK	75	95	10,0
W4 - 76,5 - 96,5 - PUK *	76,5	96,5	10,0
W4 - 80 - 90 - PUK *	80	90	4,5
W4 - 80 - 90/1 - PUK	80	90	7,0
W4 - 80 - 95 - PUK *	80	95	6,0
W4 - 80 - 95/1 - PUK	80	95	7,0
W4 - 80 - 95/2 - PUK	80	95	7,5
W4 - 80 - 95/3 - PUK	80	95	5,0
W4 - 80 - 100 - PUK	80	100	10,0
W4 - 85 - 95 - PUK	85	95	7,0
W4 - 85 - 100 - PUK	85	100	6,0
W4 - 85 - 100/1 - PUK	85	100	10,0
W4 - 85 - 100/2 - PUK *	85	100	4,0
W4 - 85 - 105 - PUK	85	105	10,0
W4 - 90 - 100 - PUK *	90	100	4,5
W4 - 90 - 100/1 - PUK	90	100	7,0
W4 - 90 - 104 - PUK	90	104	8,0
W4 - 90 - 105 - PUK	90	105	6,0
W4 - 90 - 110 - PUK	90	110	10,0
W4 - 100 - 110 - PUK *	100	110	4,5
W4 - 100 - 110/1 - PUK	100	110	7,0
W4 - 100 - 115 - PUK	100	115	7,5

Type designation	∅ d	∅ D	L
W4 - 100 - 115/1 - PUK	100	115	7,0
W4 - 100 - 115/2 - PUK	100	115	4,0
W4 - 100 - 120 - PUK	100	120	10,0
W4 - 110 - 120 - PUK	110	120	7,0
W4 - 110 - 125 - PUK	110	125	9,0
W4 - 110 - 125/1 - PUK *	110	125	7,0
W4 - 110 - 125/2 - PUK	110	125	4,0
W4 - 110 - 130 - PUK	110	130	10,0
W4 - 120 - 130 - PUK	120	130	7,0
W4 - 120 - 140 - PUK	120	140	10,0
W4 - 130 - 140 - PUK	130	140	7,0
W4 - 130 - 145 - PUK	130	145	7,5
W4 - 140 - 155 - PUK	140	155	7,0
W4 - 140 - 155/1 - PUK	140	155	9,0
W4 - 150 - 160 - PUK	150	160	7,0
W4 - 160 - 175 - PUK	160	175	9,0
W4 - 170 - 185 - PUK	170	185	7,0
W4 - 190 - 210 - PUK	190	210	10,0

Further dimension and in-between sizes upon request.

* These sizes are available upon request only.