



| 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-PU** 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 wiper is eligible for difficult applications, e.g. like earth-movement machines

The wiper is also available as W4-PUK with an introverted wiping edge.

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

| Type designation | ∅ d | ∅ D | L |
|---------------------|-----|-----|-----|
| W4 - 20 - 30 - PU | 20 | 30 | 7,0 |
| W4 - 25 - 35 - PU | 25 | 35 | 7,0 |
| W4 - 28 - 38 - PU | 28 | 38 | 7,0 |
| W4 - 30 - 40/1 - PU | 30 | 40 | 7,0 |
| W4 - 32 - 42 - PU | 32 | 42 | 7,0 |
| W4 - 32 - 45 - PU | 32 | 45 | 7,0 |
| W4 - 35 - 45 - PU | 35 | 45 | 7,0 |
| W4 - 36 - 45 - PU | 36 | 45 | 7,0 |
| W4 - 36 - 46 - PU | 36 | 46 | 7,0 |
| W4 - 40 - 50 - PU | 40 | 50 | 7,0 |
| W4 - 45 - 55 - PU | 45 | 55 | 7,0 |
| W4 - 50 - 65 - PU | 50 | 65 | 7,0 |
| W4 - 55 - 70 - PU | 55 | 70 | 7,0 |
| W4 - 56 - 66 - PU | 56 | 66 | 7,0 |
| W4 - 60 - 70 - PU | 60 | 70 | 7,0 |
| W4 - 63 - 73 - PU | 63 | 73 | 7,0 |
| W4 - 63 - 75 - PU | 63 | 75 | 7,0 |
| W4 - 63 - 78 - PU | 63 | 78 | 7,0 |
| W4 - 65 - 75 - PU | 65 | 75 | 7,0 |
| W4 - 70 - 80 - PU | 70 | 80 | 7,0 |
| W4 - 75 - 85 - PU | 75 | 85 | 7,0 |
| W4 - 80 - 90 - PU | 80 | 90 | 7,0 |
| W4 - 85 - 95 - PU | 85 | 95 | 7,0 |
| W4 - 90 - 100 - PU | 90 | 100 | 7,0 |
| W4 - 100 - 110 - PU | 100 | 110 | 7,0 |
| W4 - 105 - 115 - PU | 105 | 115 | 7,0 |
| W4 - 110 - 120 - PU | 110 | 120 | 7,0 |
| W4 - 120 - 130 - PU | 120 | 130 | 7,0 |

Wiper/Scraper ring Type

Dimension

Material/Type

Ordering example: Wiper/Scraper Ring ∅ d 40 x 50 x 7 Polyurethane

Order designation: W4 - 40 x 50 x 7,0 - PU

Designation of material: PU - Polyurethane

| Type designation | ∅ d | ∅ D | L |
|---------------------|-----|-----|-----|
| W4 - 125 - 140 - PU | 125 | 140 | 7,0 |
| W4 - 140 - 155 - PU | 140 | 155 | 7,0 |
| W4 - 180 - 195 - PU | 180 | 195 | 7,0 |

Further dimension and in-between sizes upon request.