

# Zurcon® Scraper N

IMPROVED SINGLE LIP SCRAPER FOR LIGHT  
TO MEDIUM DUTY HYDRAULIC CYLINDERS



## Improved design combines best scraper features.

The Zurcon® Scraper N is an advanced design of scraper that combines the best design features of other single lip scrapers into one profile. In particular, it offers increased support on the inner surface of the groove to prevent tilting or twisting. This means the scraper firmly sits in the groove and prevents the penetration of impurities via the back of the scraper. In addition, its small scraper lip radius provides a back pumping effect that prevents leakage on the rod.

### Features and Benefits

- Optimized geometry designed to prevent tilting and twisting without overfilling the groove
- Notches on the inner surface of the scraper provide better stability in the groove
- Outer static lip to avoid ingress of dirt or water via the back of the scraper
- A small scraper lip radius is designed to avoid penetration of impurities and guarantee a back pumping effect to prevent leakage on the rod
- An alternative to the DA24 Zurcon® Scraper N for less demanding applications, the scraper fits current DA24 grooves without modification to hardware

- Long flexible lip ensures contact with rod during hard offset conditions
- One piece snap-in design makes installation fast and simple

### Application Examples

- Agriculture machinery
  - Baler: gate cylinder and tension cylinder
  - Rake: angle, tilt and lift cylinders
  - Sprayer: boom extend cylinders
- Mobile hydraulics
  - Car haulers
  - Truck and trailer payload tarp systems
  - Snow plow tilt, lift and swivel cylinders
- Industrial hydraulic cylinders
  - Waste and refuse baler cylinders
  - Scissor lift cylinders
  - Machine tools

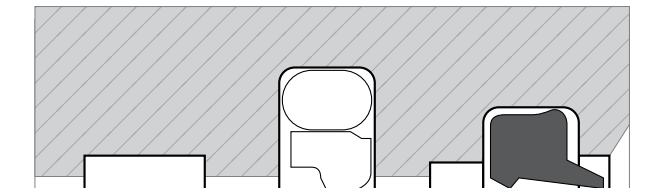
# ZURCON® SCRAPER N

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### Technical Data

#### Operating conditions:

- Velocity:** Up to 3 ft/s / 1 m/s
- Temperature:** -40°F to +194°F / -40°C to +90°C
- Media:** Mineral oil-based hydraulic fluids



Zurcon® Scraper N cross section

#### Material

WU9E1 has good hydrolysis resistance and is suitable for use in low operating temperature capability

**Standard Material:** Polyurethane (PUR), 92 Shore A

**Set Reference:** WU9E1

**Color:** Gray

#### Part Number Dimensions

Standard Scraper N P/N	Rod Diameter (inch)	Groove Diameter (inch)	Groove Width (inch)
<a href="#">WNH000500-WU9E1</a>	0.500 / +.002/-.000	0.799 / +.002/-.000	0.165 / +.008/-.000
<a href="#">WNH000750-WU9E1</a>	0.750 / +.002/-.000	1.049 / +.002/-.000	0.165 / +.008/-.000
<a href="#">WNH000875-WU9E1</a>	0.875 / +.002/-.000	1.174 / +.002/-.000	0.165 / +.008/-.000
<a href="#">WNH001000-WU9E1</a>	1.000 / +.002/-.000	1.299 / +.002/-.000	0.165 / +.008/-.000
<a href="#">WNH001125-WU9E1</a>	1.125 / +.002/-.000	1.424 / +.002/-.000	0.165 / +.008/-.000
<a href="#">WNH001250-WU9E1</a>	1.250 / +.002/-.000	1.549 / +.002/-.000	0.165 / +.008/-.000
<a href="#">WNH001375-WU9E1</a>	1.375 / +.002/-.000	1.674 / +.002/-.000	0.165 / +.008/-.000
<a href="#">WNH101500-WU9E1</a>	1.500 / +.002/-.000	1.846 / +.002/-.000	.0248 / +.008/-.000
<a href="#">WNH101750-WU9E1</a>	1.750 / +.002/-.000	2.096 / +.003/-.000	.0248 / +.008/-.000
<a href="#">WNH102000-WU9E1</a>	2.000 / +.003/-.000	2.346 / +.003/-.000	.0248 / +.008/-.000
<a href="#">WNH102500-WU9E1</a>	2.500 / +.003/-.000	2.846 / +.003/-.000	.0248 / +.008/-.000

