



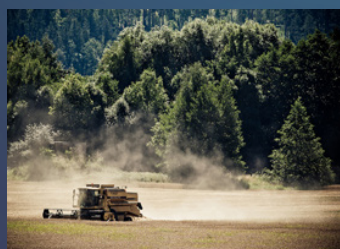
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# PROFILES & MATERIALS

**HYDRAULIC & PNEUMATIC SEALS**  
PRECISION ENGINEERING



## PROFILE CHART

|                     |  |  |  |  |                     |  |  |  |  |  |                 |  |  |  |  |                                |  |  |  |  |  |
|---------------------|--|--|--|--|---------------------|--|--|--|--|--|-----------------|--|--|--|--|--------------------------------|--|--|--|--|--|
| O-RINGS & BACKUPS   |  |  |  |  | STATIC SEALS        |  |  |  |  |  | WIPER SEALS     |  |  |  |  | GUIDE RINGS                    |  |  |  |  |  |
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|                     |  |  |  |  |                     |  |  |  |  |  |                 |  |  |  |  | WEAR STRIPS                    |  |  |  |  |  |
| DOUBLE ACTING SEALS |  |  |  |  | SINGLE ACTING SEALS |  |  |  |  |  |                 |  |  |  |  | DU & DX BUSHES                 |  |  |  |  |  |
|                     |  |  |  |  |                     |  |  |  |  |  |                 |  |  |  |  | HPR ROTARY SEALS               |  |  |  |  |  |
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|                     |  |  |  |  |                     |  |  |  |  |  | PNEUMATIC SEALS |  |  |  |  |                                |  |  |  |  |  |
|                     |  |  |  |  |                     |  |  |  |  |  |                 |  |  |  |  | OIL SEALS & BEARING PROTECTION |  |  |  |  |  |
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## ALL WE NEED TO KNOW FROM YOU IS

the profile or type of seal  
the dimensions  
the material(s)

the pressure  
the slide speed  
the operating temperature

## WE SUPPLY YOU WITH

Seals up to 2000mm in diameter  
Any custom-made seal  
Urethane, rubber, teflon and more  
One hour service, if required

One-off and large quantities  
Over 200 standardised profiles  
Metric or imperial dimensions  
Highest quality and fastest delivery

## OUR STANDARD MATERIALS COVER

### POLYURETHANE

#### Super Red (ORSP)

Hardness: 95  $\pm$ 2 Shore A  
Pressure: up to 500 bar  
Temperature: -50 to +120°C

#### Ultra Performance (ULTRA 95)

Hardness: 95  $\pm$ 2 Shore A  
Pressure: up to 500 bar  
Temperature: -50 to +120°C

#### Grin Food

Hardness: 95  $\pm$ 2 Shore A  
Pressure: up to 500 bar  
Temperature: -50 to +120°C

#### Wifflon

Hardness: 60  $\pm$ 2 Shore D  
Pressure: up to 400 bar  
Temperature: -50 to +120°C

#### Motuf

Hardness: 75  $\pm$ 2 Shore D  
Pressure: up to 400 bar  
Temperature: -50 to +120°C

#### Monyt

Hardness: 82  $\pm$ 2 Shore D  
Pressure: up to 1000 bar  
Temperature: -50 to +120°C

### RUBBER

#### NBR

Hardness: 85  $\pm$ 5 Shore A  
Pressure: up to 160 bar  
Temperature: -30 to +100°C

#### HNBR

Hardness: 85  $\pm$ 5 Shore A  
Pressure: up to 160 bar  
Temperature: -35 to +150°C (170°C short loads)

#### Neoprene

Hardness: 85  $\pm$ 5 Shore A  
Temperature: -30 to +100°C

#### Viton

Hardness: 85  $\pm$ 5 Shore A  
Pressure: up to 160 bar  
Temperature: -20 to +200°C

#### EPDM / EPDM Peroxide

Hardness: 97  $\pm$ 5 Shore A  
Pressure: up to 160 bar  
Temperature: -40 to +120°C

#### Aflas Extreme

Hardness: 85  $\pm$ 5 Shore A  
Temperature: -10 to +200°C

#### Silicone

Hardness: 85  $\pm$ 5 Shore A  
Temperature: -60 to +200°C

### TEFLON

#### PTFE

Bearing Pressure: 2N/mm  
Temperature: -200 to +260°C

#### TMCF (Multifibre)

Bearing Pressure: 3N/mm  
Temperature: -200 to +260°C

#### 25% Glass Filled PTFE

Bearing Pressure: 3N/mm  
Temperature: -200 to +260°C

#### TFV (Virgin)

Bearing Pressure: 3N/mm  
Temperature: -200 to +260°C



### QUEENSLAND

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F: (02) 9620 8381

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