



# Standard Material Data Sheet & Profile Selection

## ◆ MATERIAL DATA

## ◆ PROFILE SELECTION

STANDARD MATERIAL	HARDNESS SHORE A	HARDNESS SHORE D	MIN-MAX TEMPERATURE*	PRESSURE RANGE (PSI)* *
POLYURETHANE	95 ±2	48 ±3	-22 °F ... +230 °F	5,800-10,000
H-POLYURETHANE	95 ±2	48 ±3	-4 °F ... +230 °F	5,800-10,000
NBR	85 ±5	-	-22 °F ... +212 °F	2,300-3,600
H-NBR	85 ±5	-	-13 °F ... +302 °F	2,300-3,600
FPM,FKM	83 ±5	-	-4 °F ... +392 °F	2,300-3,600
EPDM	85 ±5	-	-58 °F ... +302 °F	2,300-3,600
POM	-	82	-58 °F ... +212 °F	-
PTFE VIRGIN	-	57	-328 °F ... +450 °F	1,450
PTFE +15%GF +5%MoS2	-	60	-328 °F ... +450 °F	1,450-2,300
PTFE +40% BRONZE	-	64	-328 °F ... +450 °F	1,450-2,300
PTFE +25% CARBON	-	65	-328 °F ... +450 °F	1,450-2,300

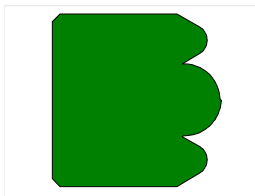
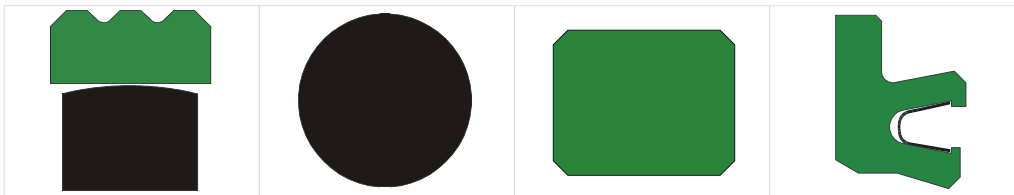
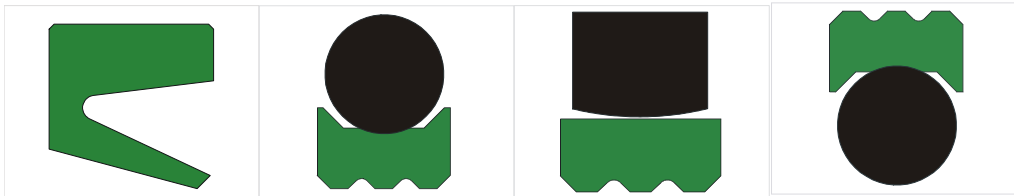
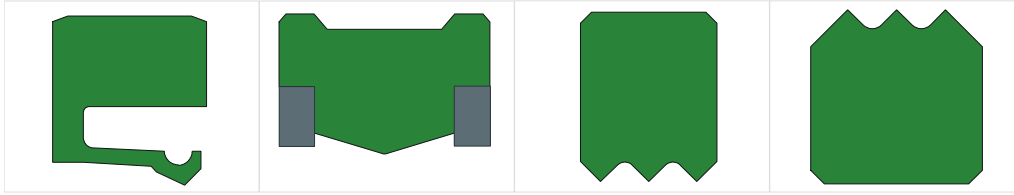
\* SPECIAL GRADES MAY BE REQUIRED.

\*THE PRESSURE RANGE VARIES WITH DIFFERENT PROFILE SELECTION, APPLICATION, AND ANY COMBINATION WITH OTHER MATERIALS.

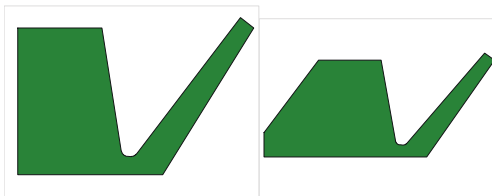
FOR SPECIAL APPLICATIONS OR SPECIFIC INFORMATION, PLEASE CONTACT THE TECHNICAL DEPARTMENT AT [cwilliams@wyattseal.com](mailto:cwilliams@wyattseal.com).

# Rotary Seal Profile Selection

## Single / Double Acting

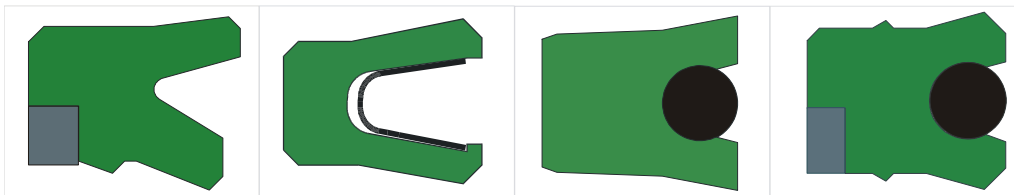
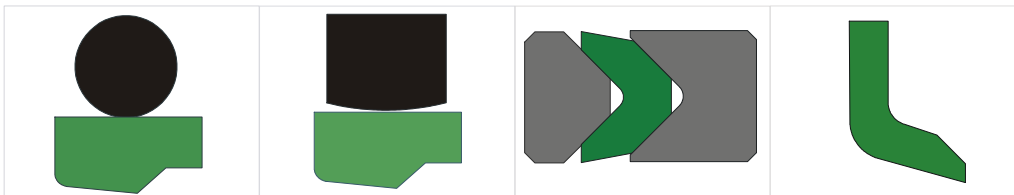
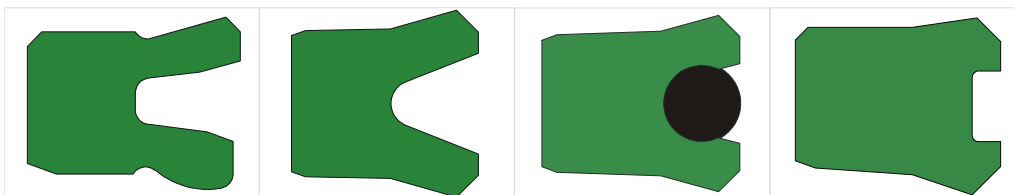
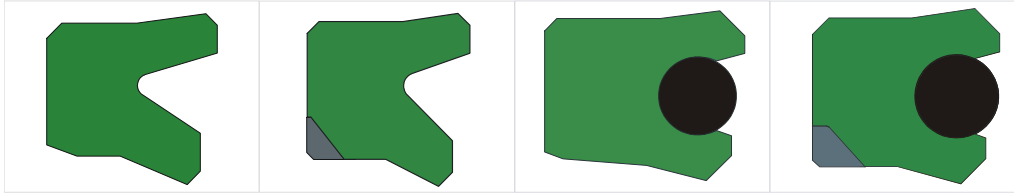


## Axially Acting

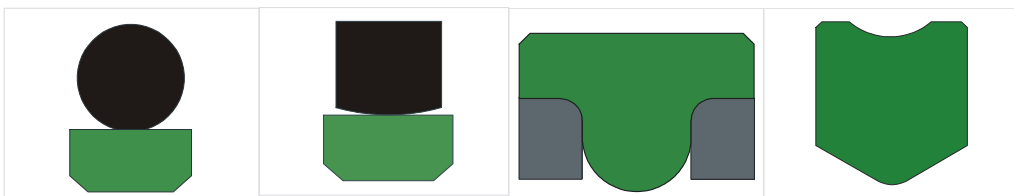


# Rod Seal Profile Selection

## Single Acting

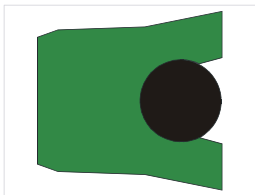
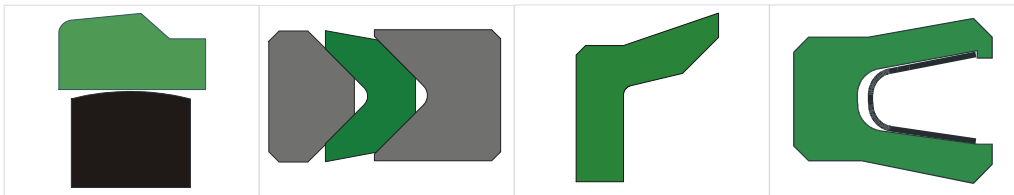
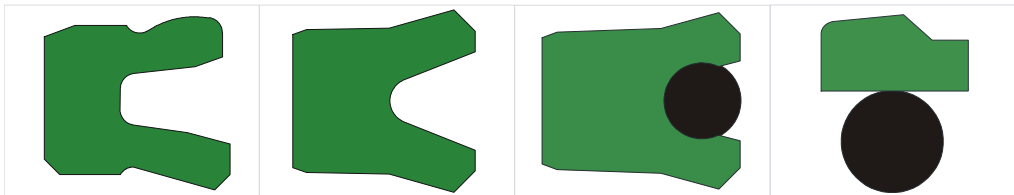
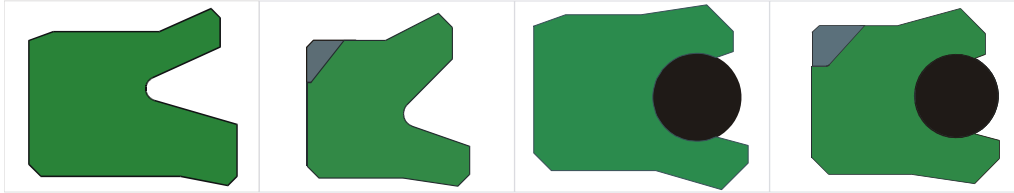


## Double Acting

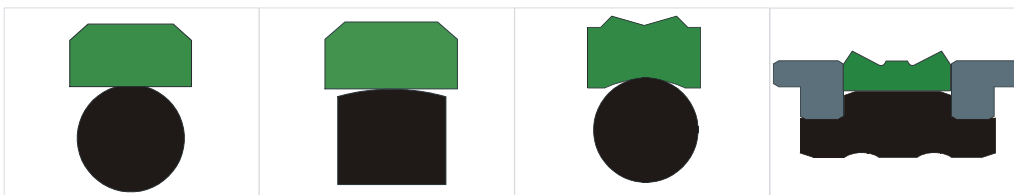


# Piston Seal Profile Selection

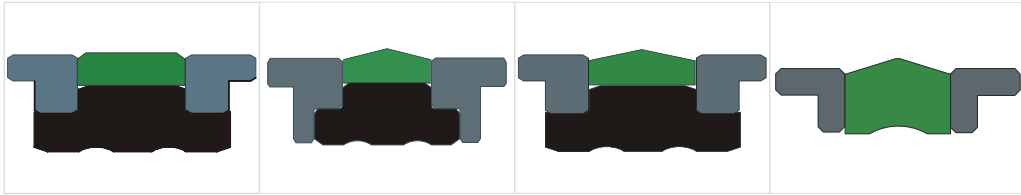
## Single Acting



## Double Acting



**Double Acting (Continued)**

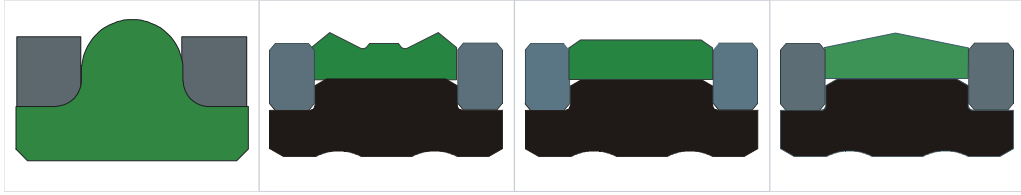


**WP09-B**

**WP09-C**

**WP090-D**

**WP17**

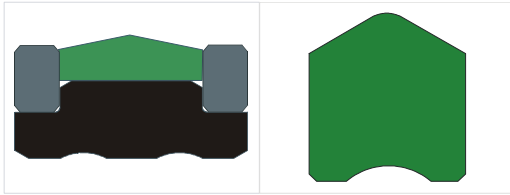


**WP20**

**WP23-A**

**WP23-B**

**WP23-C**

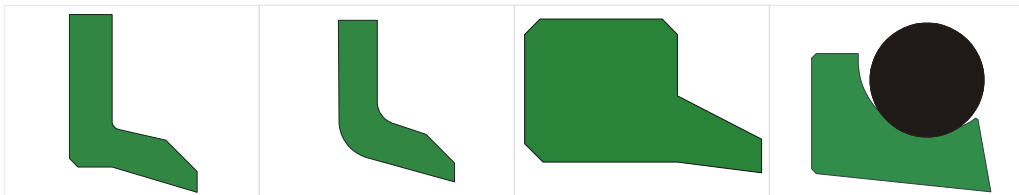
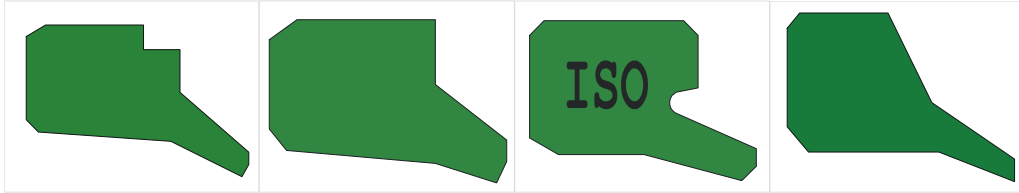


**WP23-D**

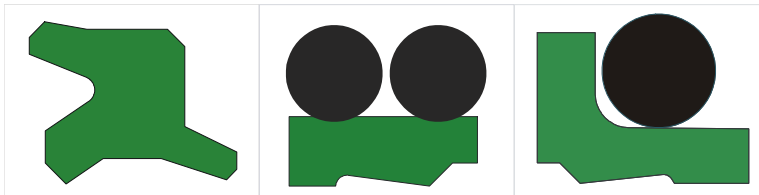
**WP35**

# Wiper Profiles

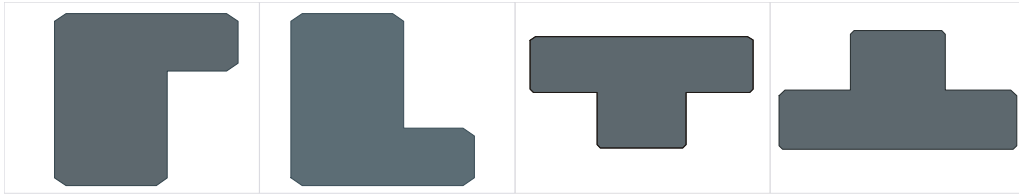
## Single Acting



## Double Acting



## Guide Rings (Wear Bands)

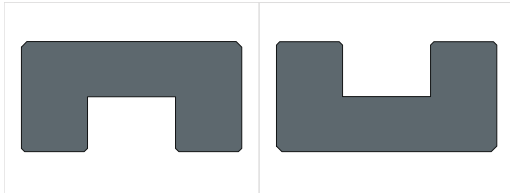


**WGR03**

**WGR04**

**WGR05**

**WGR06**



**WGR07**

**WGR08**