

# **MFP**SEALS

# **HYDRAULIC SEALS** for **LONGWALL MINING**





METRIC **MHMW** 

**Heavy Duty Urethane Rod Wiper** with Enhanced Particulate Shielding

> MAX. VELOCITY 1.0 m/s (3 ft./s) TEMP. RANGE

COMPOUND U2161 -30°C to +110°C INCH D

**METRIC** MD

D Style Rod Wiper, with Slotted Heel



MAX. VELOCITY 1.0 m/s (3 ft./s)

COMPONENT COMPOUND TEMP. RANGE U2150 -50°C to +110°C

## **ROD SEALS**



COMPONENT

Seal

METRIC **MXPAR** 

X-PAC® Loaded B-Lip U-Cup, with Anti-Extrusion Ring



I.D. ▶

INCH XPRA

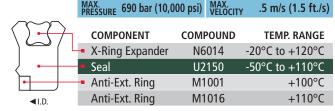
METRIC **MXPRA** 

X-PAC® Loaded B-Lip, Twin-Lip U-Cup, with & Anti-Extrusion Ring



MAX. PRESSURE 690 bar (10	,000 psi) MAX.	Y .5 m/s (1.5 ft./s)
COMPONENT	COMPOUND	TEMP. RANGE
X-Ring Expander	N6014	-20°C to +120°C
Seal	U2150	-50°C to +110°C
Anti-Ext. Ring	M1001	+100°C <b>-</b>
Anti-Ext. Ring	M1016	+110°C





# **GUIDE RINGS**



METRIC MWR

**Tight Tolerance, Composite Guide Ring** 



I.D. ▶

**PWS** 

METRIC MPWS

**Tight Tolerance, Composite Wear Strip** 



MAX. VELOCITY 2.0 m/s (6.0 ft./s)

COMPONENT **Guide Ring** 

COMPOUND C4000

TEMP. RANGE -40°C to +120°C

GR

COMPONENT Guide Rina

MAX. VELOCITY 2.0 m/s (6.0 ft./s) COMPOUND

C4000

TEMP. RANGE -40°C to +120°C

# **STATIC SEALS**



METRIC **MPUC** 



**INCH** GS

METRIC MGS



Asymmetrical U-Cup, Static Seal

MAX. PRESSURE 500 bar (7,250 psi)

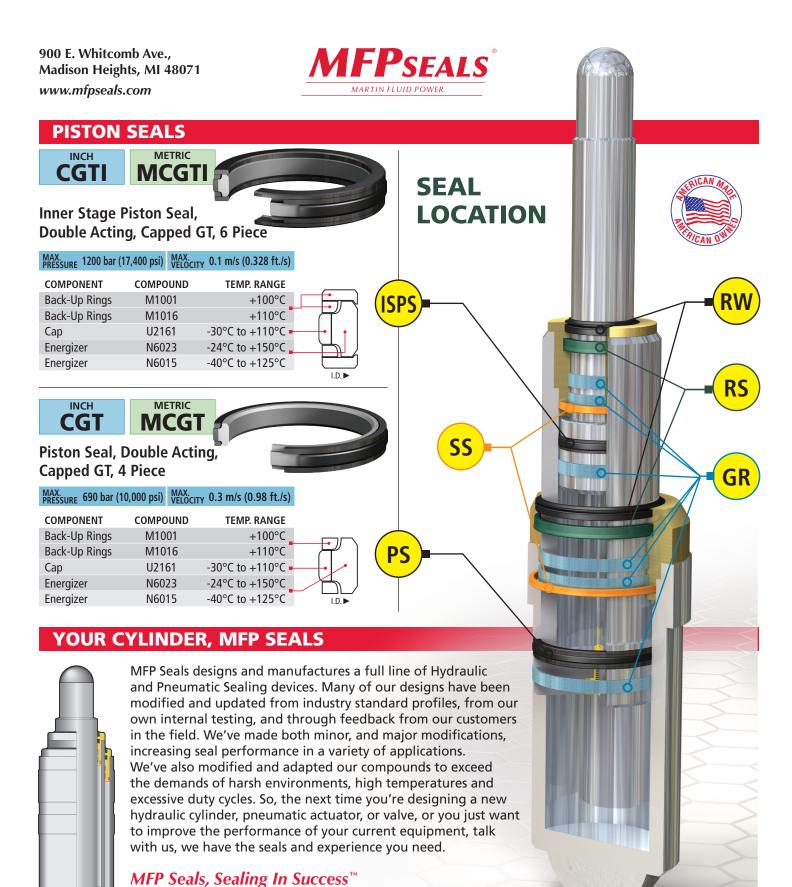
COMPONENT COMPOUND TEMP. RANGE Seal H2155 -20°C to +120°C





MAX. PRESSURE	500 bar (7,200 psi)

COMPONENT	COMPOUND	TEMP. RANGE
Seal	U2150	-50°C to +110°C



Note: The temperature ranges shown above are governed by the high water-based fluid (HFA) that is used in longwall roof supports. The values shown are compiled from random tests taken from ongoing production. All data was established based on standard test-products according to ISO, DIN and ASTM standards, and can basically not be carried over to the completed seal. All technical advice, services and recommendations rendered by Martin Fluid Power, or its affiliated companies are gratis. They are based on technical data which the seller believes to be reliable, and are intended to be used by persons having skill and know-how and ability to analyze the application where the product will be used and apply the information to it at their own discretion and risk. We cannot assume or accept any responsibility for results obtained or damages occurred from any installer's decisions or work, in whole or in part. Martin Fluid Power's exclusive warranty is against defects in materials and workmanship at the time of shipment. It is in lieu of all other warranties. There is no implied warranty of merchase price are excluded, whether consequential or otherwise, regardless of cause. The sale of our products under any other warranty or guarantee, expressed or implied, is not authorized by the company.



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