



OFFSHORE



LAND RIG

## Powerbraid® Plus



### Certification/Standards

DNV  
MSHA  
SAE  
USCG

This product can be tested to meet other oil field related certificates/standards.

Specification 4651RL, 4651PL, 4651ZL – For 3,000 and 5,000 psi

**RECOMMENDED FOR:** Rotary hose applications on work over rigs and slim hole or seismograph rigs designed to operate at a maximum of 3,000 to 5,000 psi rated working pressure depending on size. Applications on small or medium-size drilling rigs used for water well operations, water well core drill, blast or shot hole operations. Hoses are flexible connectors in pressure lines used in conveying mud or air. For normal air or mud applications and where increased resistance to external abuse or pump pulsations is required.

**TEMPERATURE:** -40°F to +180°F (-40°C to +82°C) continuous service.

**TUBE:** Type A (Neoprene). Black. For 1-1/2" and 2" I.D. 5,000 psi and 2" I.D. 3,000 psi.  
Type C (Nitrile). Black. For 1" and 1-1/4" I.D. 5,000 psi.  
RMA (Class B) Medium oil resistance.

**REINFORCEMENT:** High tensile steel wire.

**COVER:** Type A (Neoprene). Black with blue longitudinal stripe. All sizes perforated.

**MAXIMUM WORKING PRESSURE:** 5,000 psi 1", 1-1/4", 1-1/2" and 2"  
3,000 psi 2" static

**AVAILABLE SIZES:** 1" through 2" I.D.

**LENGTHS:** 50 ft. and 200 ft. lengths.

**COUPLINGS:** Gates PCS –PCM –GS – Coupling



32PCS-32MPAPI  
(3000 psi)



PCS Ferrule



20GS-20MPAPI  
(5000 psi)



32PCM-32MPAPI  
(5000 psi)

16GS-16MPLN (5000 psi) (not shown)

Swaged-On Permanent Couplings – API threads on connecting end of stem for easy flange attachment. Strong collar to anchor ferrule to stem. Electroplated steel. Also available in stainless steel, and other special metals.



Permanent Swaged



Ferrule

Wildman Type A reusable couplings (not shown).  
(API threads only)

**SOURCES:** Dixon Valve & Coupling Co.  
George Myer Company, Inc.



George Myer