



GORE™ Geophysical Seismic Cable

Power Pairs

Highest Performance and Reduced Dimensions

Using innovative material technologies, GORE™ Power Pair Cables are the lightest and smallest power pairs for marine geophysical exploration applications.

GORE™ Power Pair Cables provide considerable weight and space savings, reduced outer diameter, and the highest performance for streamer cables.

Gore uses only the highest quality, multi-layered, concentric, and pin-hole free insulations over each conductor. Each material is compatible with streamer fluids, other floatation media, and can operate in wide temperature ranges.

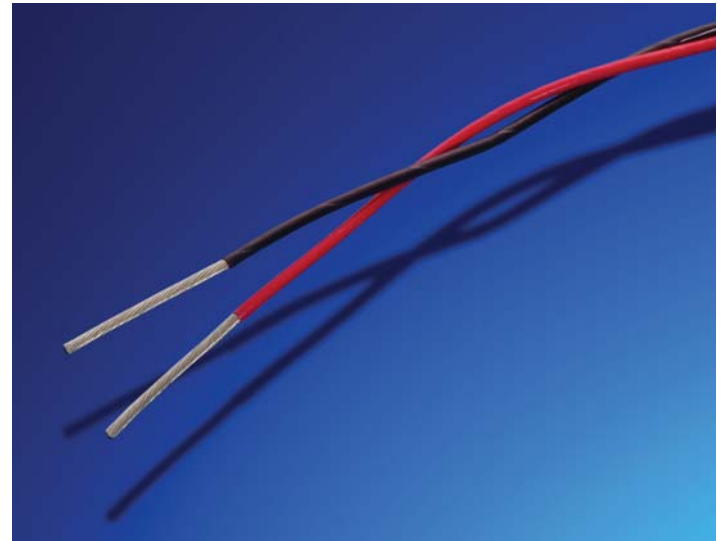
TECHNICAL DATA FOR 16 AWG GORE™ POWER PAIR CABLES

Operating Voltage	600 V DC
Test Voltage	3500 V DC
Test Voltage in Water	600 V DC / 10 min.
Insulation Resistance for 10 min. in Water	≥800 MΩ*1000 m @ 500 V DC
Operating Temperature	-55°C up to +105°C
Outer Diameter	3.5 mm

COMPARISON BETWEEN GORE™ POWER PAIR CABLES AND CONVENTIONAL POWER CONDUCTORS

16 AWG	Conventional Power Pairs (HYTREL®)	GORE™ Power Pair Cables	% Difference
Diameter (mm)	4.8	3.5	-27%
Weight (kg/m)	30.2	24.0	-20%
Voltage Rating (V DC)	500	600	+20%

For technical information on other gauge sizes, please contact Gore.



Size optimized cables with highest reliability

KEY FEATURES

- Thin polyester-based multi-layer insulation
- Pinhole-free insulation
- Lowest weight and smallest outer diameter
- High abrasion and cut-through resistance

KEY BENEFITS

- Longer cable life (reduced overall costs)
- Excellent electrical performance
- Smaller streamer cable diameter
- Enhanced stripping and bonding
- High mechanical stability

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