



# GORE™ Geophysical Seismic Cable

*Bonded Telemetry Pairs*

## Highest Transmission Stability

Using innovative material technologies, GORE™ Bonded Telemetry Pair Cables provide the highest transmission stability for marine geophysical exploration applications.

Gore's low dielectric constant, expanded PTFE (ePTFE) and PTFE materials enable the bonding of the pairs. This reduces the overall diameter and weight of the cables. The result is a smaller outer diameter, enhanced floatation characteristics, and the highest signal integrity under mechanical stress for streamer cables.

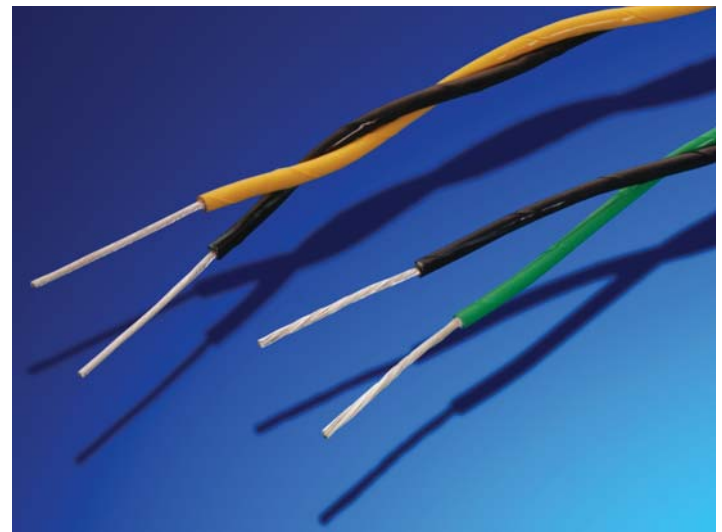
The specific location of each insulated, silver-plated conductor bonded throughout the entire length of the pair maximizes the electrical performance and reliability during flex. Gore uses only the highest quality, multi-layered, concentric, and pin-hole free insulations over each conductor. Each material is compatible with streamer fluids, other floatation media, and can operate in wide temperature ranges.

The data transmission performance of GORE™ Bonded Telemetry Pair Cables remains high, consistent, and reliable throughout its life cycle. GORE™ Bonded Telemetry Pair Cables have over 10 years of proven performance and unsurpassed reliability in marine streamer cables around the world.

### TECHNICAL DATA FOR 20 AWG GORE™ BONDED TELEMETRY PAIR CABLES

Operating Voltage	600 V DC
Breakdown Voltage	>1000 V AC @ 50 Hz
Impedance	
• In air	132 ±5 Ω
• In streamer fluid	122 ±5 Ω
Capacitance	33 ±2pF/m
Attenuation @ 20 MHz	
• In air	≤6 dB/150 m
• In streamer fluid	≤6.5 dB/150 m
Insulation Resistance	>200 MΩ*km @ 500 V DC
Temperature Range	-100°C up to +200°C
Outer Diameter	4.40 mm
Weight	24.4 kg/km

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



### Size optimized cables with highest reliability

#### KEY FEATURES

- Gore's bonding technology
- Pinhole-free insulation utilizing ePTFE and PTFE insulation material
- No fluid penetration between components
- Lightest weight
- Smallest diameter

#### KEY BENEFITS

- Longer cable life (reduced overall costs)
- Smaller streamer cable diameter
- Highest signal stability under mechanical stress and movement
- Reliable electrical performance in fluids
- Lowest attenuation

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