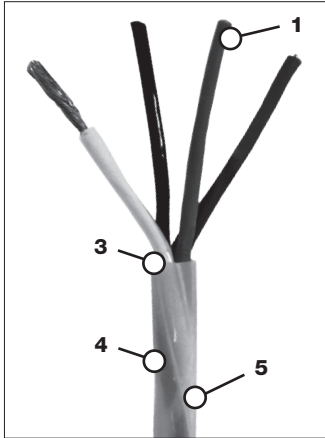


Chem-Gard® 150 Cable with Defender® Technology

- UL Recognized
- 600 V
- FT-1 Flame Rating
- Max Conductor Temp 150°C
- Cold Temp Rating -60°C
- CSA
- RoHS Compliant
- VW-1 Flame Rating
- Superior Chemical Resistance
- Antimicrobial

Chem-Gard® 150 Cable with Defender® Technology eliminates greater than 99% of bacteria, fungus and mold growth on the cable jacket. Silver ion based additiives provide built-in long lasting protection for the life of the cable. Key characteristics include superior chemical resistance, 600 Volt, -60°C to +150°C, VW-1, FT-1. This cable provides a real solution for customers looking to keep the highest standards in cleanliness.



FEATURES & BENEFITS

- 1. FINELY STRANDED TINNED CONDUCTORS—** Provides greater flex life in dynamic conditions and protects from corrosion and oxidation in chemical and high temperature environments.
- 2. HAS A LOW COEFFICIENT OF FRICTION —** Provides superior resistance to cutting and abrasion.
- 3. SMALLER DIAMETER —** Easily fits through conduit or around tight spaces.
- 4. BRIGHT GREEN JACKET COLOR —** Allows for easy visual inspection.
- 5. PROPRIETARY JACKET —** Provides excellent resistance to harsh chemicals including oils, acids and solvents. DEFENDER® jacket also equips the jacket with long term broad-spectrum protection from bacteria, mold and fungus reducing cable change outs.

ADD STAINLESS STEEL GRIP-SEALS® TO COMPLETE YOUR ORDER! See page 135.



ORDERING INFORMATION (MINIMUM PURCHASE MAY BE REQUIRED IF PRODUCT NOT STOCKED)

UNSHIELDED					
PART NO.	CONFIGURATION (AWG/COND)	STRANDING (STRANDS/AWG)	NOMINAL O.D. (IN)	AMPACITY ¹	WT. (LBS) PER 1000'
52128	12/4	65/30	0.335	48	133
52124	14/4	105/34	0.270	37	86
52127	14/8	105/34	0.354	24	165
52125	14/12	105/34	0.383	23	210
52126	16/4	65/34	0.225	21	59
52129	16/8	65/34	0.295	18	115

SHIELDED					
PART NO.	CONFIGURATION (AWG/COND)	STRANDING (STRANDS/AWG)	NOMINAL O.D. (IN)	AMPACITY ¹	WT. (LBS) PER 1000'
52118	12/4	65/30	0.370	48	154
52117	14/4	105/34	0.290	37	104
52116	16/4	65/34	0.245	21	77
52115	18/4	41/34	0.220	16	56
52119	18/12	41/34	0.345	10	123

NOTE: (1) Ampacities are based on conductors in free air, 40°C (104°F) ambient, 150°C (302°F) conductor temperature.

TPC CAN PROVIDE CUSTOM CONFIGURATIONS.

PRODUCT DISCLAIMER: Antimicrobial properties are built in to inhibit the growth of bacteria that may affect this product. The additives can not leach out of this product. The antimicrobial properties do not protect users or others against bacteria, viruses, germs or other disease organisms. Always clean and wash this product.

Chem-Gard® 150 Cable with Defender® Technology (Continued)

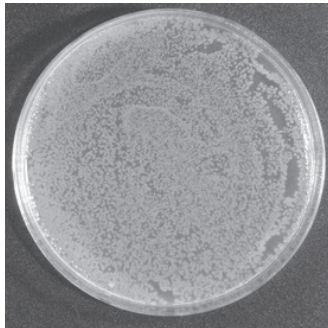
Eliminates Greater than 99% of Bacteria, Fungus and Mold

TPC designs and supplies high quality, high performance cord, cable and accessories that increase uptime and solve difficult problems in harsh industrial environments. **DEFENDER®** antimicrobial cable is the first product in this antimicrobial line to provide a solution to bacteria, fungus and mold growth on the cable jacket. A silver ion based antimicrobial additive provides built in lasting protection for the life of the cable while effectively eliminating greater than 99% of gram-negative and gram-positive bacteria, fungus and mold within 24 hours.

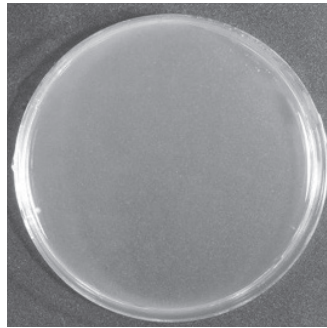
The presence of heat, moisture and organic materials in food processing plants create an ideal environment for bacteria, fungus and mold to grow on equipment. Stringent cleaning requirements are daily rituals in the food and beverage industry. **DEFENDER®** antimicrobial cable adds another level of protection with its built in antimicrobial jacket. If a cable fails a visual inspection, the down time can cost a facility thousands of dollars in lost production. **DEFENDER®** antimicrobial cable will increase the cable life in this harsh industrial environment while inhibiting bacteria, fungus and mold growth on the cable jacket.

TESTING METHODS

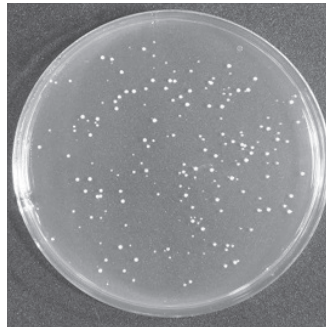
Highly effective **DEFENDER® Antimicrobial Cable** efficacy has been confirmed by independent lab test results. Photos below show the amount of E. Coli and Staph bacteria cultivated for 14 days after 24 hours of exposure to the **DEFENDER®** antimicrobial cable jacket versus a cable jacket without antimicrobial agents. The photos have not been altered in any way.



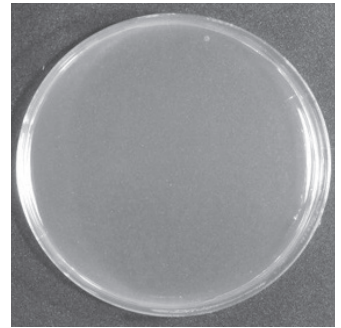
E. COLI GROWTH
No Antimicrobial Additive



E. COLI NO GROWTH
With Antimicrobial Additive



STAPH GROWTH
No Antimicrobial Additive



STAPH NO GROWTH
With Antimicrobial Additive

APPLICATIONS

- Wash Down Areas
- Automated Packaging/Bagging Equipment
- Electronic Control Systems
- Cable Carriers
- Power Supply for Fans, Pumps, Motors, Hand Tools
- Conveyor Systems
- Coolers, Freezers, Ovens, Fryers
- Pasta Drying Machinery
- Canning and Bottling Process Lines
- Any application where fungus, bacteria or mold growth need to be controlled