

Wiring Devices

PERMAKLEEN™ Anti-microbial Plugs and Connectors



Untreated
E-Coli @ 24 hours



Treated
E-Coli @ 24 hours

FEATURES:

- UL and CSA Listed
- Patent Pending
- Inhibits Growth of Bacteria, Molds, Mildews and Fungi
- Escherichia (E.Coli):
- Log Reduction > 4.8, reduces surface bacteria by > 99.99%
- Staphylococcus (Staph), MRSA:
- Log Reduction > 3.9, reduces surface bacteria by > 99.98%
- Listeria monocytogenes:
- Log Reduction > 4.3, reduces surface bacteria by > 99.99%
- Salmonella
- Log Reduction > 3.6, reduces surface bacteria by > 99.97%
- RoHS Compliant (Non-Halogenated)
- Anti-microbial Additives Embedded in Polymer
- Anti-microbial Additive Resistant to Scuffing and Cleaning
- Independently Tested and Certified
- Resistant to High Pressure Hose-down
- Tongue & Groove Environmental Sealing
- Keyed Body and Cover for Alignment
- NEMA Type 4, 4X, 6, 6P and IP67 Protection

Ericson's Perma-Kleen™ Anti-microbial Wiring Devices provide a new and innovative approach to controlling microbial growth by incorporating anti-microbial additives that remain stored in the polymer providing continual, long lasting protection. Inhibiting the growth of harmful and potentially deadly microbial contamination can finally be achieved 24/7 utilizing Ericson's revolutionary embedded anti-microbial protection.

Embedded Anti-microbial additives are resistant to high pressure hose-down and continue to inhibit the growth of bacteria, mold, mildew and fungi, even when nicked or scraped, as additional anti-microbial additives bloom to the surface. This is not a surface treatment. Micro-organism growth is inhibited, and after a short period of time, they can no longer be measured by standard laboratory equipment.

Perma-Kleen™ Anti-microbial Wiring Devices deliver exceptional protection against microbial growth even on hidden, hard to clean surfaces. Independent testing reveals the ability of these devices to inhibit the growth of Escherichia coli, Gram (-) and Staphylococcus aureus, Gram (+) delivering long lasting benefits to manufacturers beyond traditional cleaning methods.

Ideal for new or existing installations, these cost effective solutions deliver unparalleled confidence and peace of mind from knowing that every possible step has been taken to protect consumers. Perma-Kleen Anti-microbial Wiring Devices are ideal for a wide range of applications including:

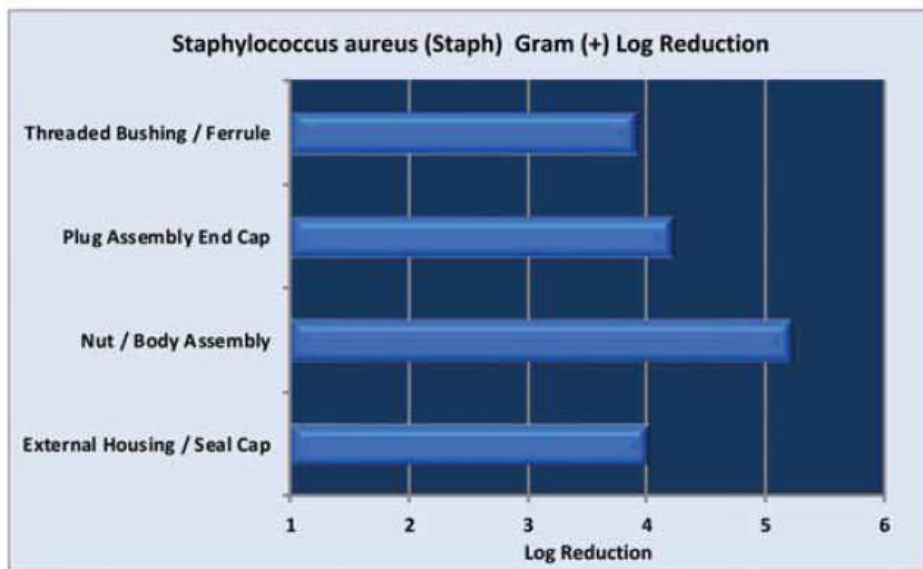
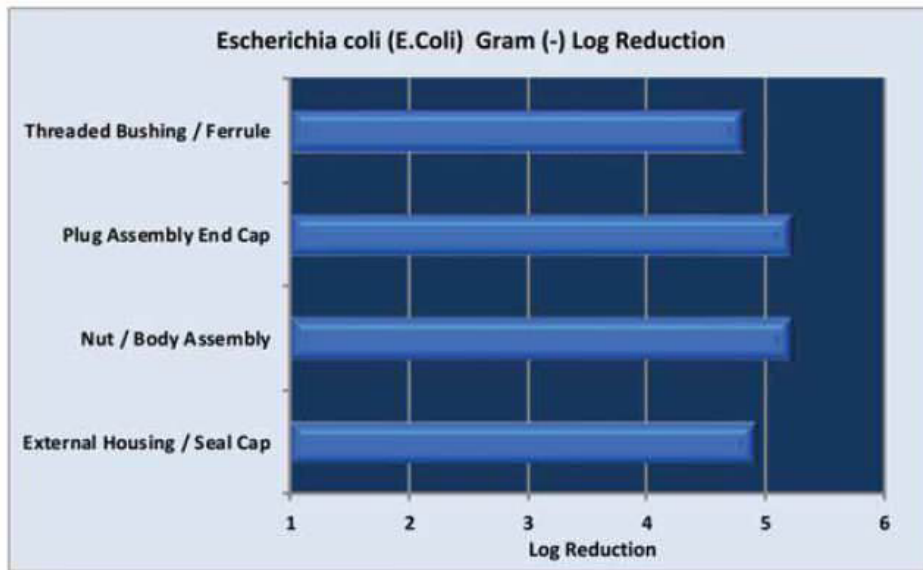
- Poultry Processing
- Pharmaceutical Processing
- Agriculture
- Seafood Processing
- Food Packaging
- Beverage Processing
- Meat Processing
- Food Preparation
- Health Care



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Ericson Manufacturing has utilized the industry's leading independent third party testing laboratory to quantify and validate the anti-microbial performance of the Perma-Kleen Anti-microbial Wiring Device Family.




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PERMAKLEEN™

EXTRA GROMMETS
Rubber cord sealer grommets supplied for a variety of diameters.



UNIQUE WATER/DUST WIPER
Seals out moisture, mud and particles

PBT BODY
Rugged thermoplastic polyester body in plug and connector

ORIGINAL DEAD-FRONT BACK-WIRED CONSTRUCTION
We set industry standards featuring no exposed current carrying parts

FINGER GRIPS
Non-slip finger grips aid in assembly

CORD JACKET SEAL

CORROSION RESISTANT ASSEMBLY SCREWS
Stainless double lead assembly screws made for plastics exclusively to insure fast assembly and withstand high torque and pullout

EIGHT POINT SEALING
Unique rubber to rubber tongue and groove eight point seal-tite system when mated

CORROSION RESISTANT NICKEL PLATED BLADES
Current carrying blades and contacts of high conductivity copper alloy with nickel plating for corrosion resistance

DOUBLE INSULATED
Superior PBT body with TPE thermoplastic elastomer cover for extra safety, protection and durability

SAFETY COMPRESSION CORD GRIP
Non-conductive, long life rugged PBT cord grip accepts a variety of wire sizes with no crushing, and no inserts to change or add

PERMAKLEEN™ Plug Cover

- Use with Ericson's Perma-Kleen™ plugs to seal out water, dust and other contaminants and to protect blades from damage when plug is not in-use
- Eight-point rubber tongue and groove sealing system provides environmental protection
- Additional protection provided by a unique internal water/dust wiper
- Easy to assemble



PERMAKLEEN™ Plug Cover Selection Guide

| Catalog Number | Description |
|----------------|--|
| 15PW-AM | Male closure cap, for use with 15A Straight Blade & Locking devices and 20A Straight Blade devices |
| 16CW-AM | Female replacement cover for CW6P connectors |
| 24CW-AM | Female Large replacement cover for CW6P connectors |
| 26CW-AM | Female 30 Amp Large replacement cover for CW6P connectors |

16CW-AM - Fits 16XXCW6P-AM Connectors



24CW-AM - Fits 24XXCW6P-AM Connectors
26CW-AM - Fits 26XXCW6P-AM Connectors



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PERMAKLEEN™ Anti-microbial Plugs and Connectors

| Face View | | NEMA Configuration | Electrical Ratings | | Perma-Kleen | |
|-------------------------------------|--|--------------------|--------------------|-------------------|--------------|--------------|
| | | | Amps | Volts | Plugs | Connectors |
| 2-pole, 3-Wire Grounding | | | | | | |
| | | 5-15 | 15 | 125 | 1510-PW6P-AM | 1610-CW6P-AM |
| | | 5-20 | 20 | 125 | 1512-PW6P-AM | 1612-CW6P-AM |
| | | 6-15 | 15 | 250 | 1514-PW6P-AM | 1614-CW6P-AM |
| | | 6-20 | 20 | 250 | 1516-PW6P-AM | 1616-CW6P-AM |
| | | L5-15 | 15 | 125 | 1520-PW6P-AM | 1620-CW6P-AM |
| | | L6-15 | 15 | 250 | 1522-PW6P-AM | 1622-CW6P-AM |
| | | L7-15 | 15 | 277 | 1524-PW6P-AM | 1624-CW6P-AM |
| | | L5-20 | 20 | 125 | 2310-PW6P-AM | 2410-CW6P-AM |
| | | L6-20 | 20 | 250 | 2312-PW6P-AM | 2412-CW6P-AM |
| | | L7-20 | 20 | 277 | 2314-PW6P-AM | 2414-CW6P-AM |
| 3-Pole, 3-Wire Non-Grounding | | | | | | |
| | | Non-NEMA | 20 | 125/250 | 2316-PW6P-AM | 2416-CW6P-AM |
| | | Non-NEMA | 20/10 | 250/600 | 2317-PW6P-AM | 2417-CW6P-AM |
| | | Non-NEMA | 15A/10A | 125V/250V | 1507-PW6P-AM | 1607-CW6P-AM |
| 3-Pole, 4-Wire Grounding | | | | | | |
| | | L14-20 | 20 | 125/250 | 2320-PW6P-AM | 2420-CW6P-AM |
| | | L15-20 | 20 | 250, 3Ø | 2322-PW6P-AM | 2422-CW6P-AM |
| | | L16-20 | 20 | 480, 3Ø | 2324-PW6P-AM | 2424-CW6P-AM |
| 2-Pole, 3-Wire Grounding | | | | | | |
| | | L5-30 | 30 | 125 | 2510-PW6P-AM | 2610-CW6P-AM |
| | | L6-30 | 30 | 250 | 2512-PW6P-AM | 2612-CW6P-AM |
| | | L7-30 | 30 | 277 | 2514-PW6P-AM | 2614-CW6P-AM |
| 3-Pole, 3-Wire Non-Grounding | | | | | | |
| | | Non-NEMA | 30 | 125/250 | 2516-PW6P-AM | 2616-CW6P-AM |
| 3-Pole, 4-Wire Grounding | | | | | | |
| | | L14-30 | 30 | 125/250 3Ø | 2520-PW6P-AM | 2620-CW6P-AM |
| | | L15-30 | 30 | 250, 3Ø | 2522-PW6P-AM | 2622-CW6P-AM |
| | | L16-30 | 30 | 480, 3Ø | 2524-PW6P-AM | 2624-CW6P-AM |
| | | L17-30 | 30 | 600, 3Ø | 2526-PW6P-AM | 2626-CW6P-AM |
| 4-Pole, 4-Wire | | | | | | |
| | | L18-30 | 30 | 120/208 3Ø wye | 2530-PW6P-AM | 2630-CW6P-AM |
| 4-Pole, 4-Wire Non-Grounding | | | | | | |
| | | Non-NEMA | 30 | 120/208 3Ø wye | 2528-PW6P-AM | 2628-CW6P-AM |

Updated 7/29/2014