



TechTrade
invention, design, manufacturing

183 Madison Ave. | S-1416 | New York, NY 10016 | 1-866-491-TECH | Fax 1-212-481-2487
www.techtradellc.com | www.pro-tech8.com | www.slide-clips.com | www.ready-heat.com

PRO-TECH 8 TITAN

THERMAL PROTECTION/CONDUCTIVE HEAT RESISTANCE

TPP RATING: (NFPA 1971 REQUIREMENT 35)

PRO-TECH 8 **TITAN** receives 10 individual TPP scores because there are 5 different layering schemes used in the glove construction.

- The overall average TPP is **55.7** (includes all 5 different glove layers, before and after laundering results.)
- If you factor out the finger sidewall area, overall average is **58**. The finger sidewalls are less vulnerable to radiant heat. We engineer our gloves accordingly to provide maximum dexterity without compromising the safest NFPA compliant protection.
- TPP rating at the **TITAN** knuckle guard position is **73.8** prior to launder and **81.5** after launder. This level of protection is *unmatched* at the vulnerable knuckle area. Most structural gloves do not even specifically address this notorious vulnerability. Because of the components used in the **TITAN**, thermal protection actually increases after laundering. The after launder overall average is **62 TPP**. (Beware of suppliers that offer one TPP score. You should determine if it is an overall average, a before or after launder average, or just a single highest score, etc. It is easy to be misled.)

CONDUCTIVE HEAT RESISTANCE:

Pro-Tech 8 **TITAN** receives 32 individual scores in this category.

- Time to pain: average is **10.94 seconds**. NFPA 1971 requirement 6 sec.
- Time to 2nd degree burn: average **17.5 sec**. NFPA 1971 requirement 10 sec. (The knuckle guard section scored greater than 30 sec which is where the test measurement ends. We used 30 for averaging purpose.)