



ANSI Heat Resistance Ratings for Gloves

Did you know that there are ANSI Conductive Heat Resistance Ratings for gloves?

Each of the levels identified below must withstand the heat listed for more than five seconds until pain is encountered:

ANSI Heat Level 1 176 degrees F

ANSI Heat Level 2 284 degrees F

ANSI Heat Level 3 392 degrees F

ANSI Heat Level 4 500 degrees F

ANSI Heat Level 5 608 degrees F

In addition to the above information, it is also important to know the melting/degradation temperature of various glove materials:

Dyneema 291 degrees F

Cotton 300 degrees F

Leather 430 degrees F

Kevlar 850 degrees F

PBI 1300 degrees F

CarbonX 2000 degrees F

Finally, if the application contains an arc flash hazard we have access to gloves rated anywhere from 8.2 calories up to 52 calories, some of which also have cut and puncture ratings.

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