

HEAT DISTORTION

The minimum heat distortion temperature shall be 230°F (**110°C**) when tested at 264 psi in accordance with ASTM D 648.

JOINT PULLOUT

A 12-inch length shall be cut from both the belled end and spigot end of a length of conduit. The two parts shall be assembled in accordance with Champion's instructions. The assembly shall be tested in accordance with ASTM D 2105 and shall meet the requirements of the table below.

Resistance Minimum Force - lbs (N)	
Nominal Size	Tight Lock Joints (Adhesive)
All	11,000 psi x (cross sectional area of conduit)

TOXICITY

CHAMPION HAZ DUCT conduit does not contain any compounds that can release halogens - bromine or chlorine - when burning.

Gases	Values (max P.P.M.)
Hydrogen Chloride	0
Hydrogen Bromide	0
Hydrogen Cyanide	<1
Hydrogen Sulphide	0
Ammonia	0
Aldehydes as HCHO	<10
Oxides of Nitrogen	<50
Carbon Dioxide	<12,500
Carbon Monoxide	<250

SURFACE FINISH

- Exterior Surface Normally less than 2,000 microinches (50.8 micron)
- Interior Surface Normally less than 125 microinches (3.2 micron)

COLOR

Standard color is black, using carbon black as pigment. Optional colors are gray, red, orange and blue.

Note: When ordering optional colors, the finished product may exhibit slight to extreme color variations.

WATER TIGHTNESS

There should be no evidence of water leakage through the joint when tested in accordance to UL 2515 and CSA C22.2 No. 2515. In order to achieve water tightness use CHAMPION MIX® or Epoxy Adhesive Kit for Tight Lock Joint. See page 22 of this catalog.