

TOXICITY

CHAMPION 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 available 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 47-48 of this catalog.

COEFFICIENT OF FRICTION

The following data for static coefficient of friction is for dry conduit and non-lubricated cable at a temperature of 72° F (22° C).

Cable Material	Conduit Material					
	Epoxy Fiberglass Conduit	PVC Conduit	Steel Conduit	Aluminum Conduit	Concrete Conduit	Polyethylene Conduit
PVC	.38	.90	.55	.25	.95	1.90
XLP(Cross-linked Polyethylene)	.23	.90	.75	1.50	.75	2.00
LDPE (Polyethylene)	.25	.50	.50	.62	.60	1.70
Neoprene	.53	2.60	1.60	.26	1.35	3.30
Concentric Neutral	.16	--	--	--	--	--
Tech (Armored) Cable	.16	2.60	1.60	.26	1.35	3.30