



CONTACT-GS

thermOweld® provides high quality products to the Electric, Utility, Telecom, Cathodic, and Rail Markets.

Certain applications require a permanent hardening grounding material.

CONTACT-GS is compatible with all standard copper grounding systems. It is an economical solution to difficult grounding issues in hard to deal with areas.

CONTACT-GS is manufactured from environmentally safe material and is extremely stable when mixed with water or exposed to moisture.

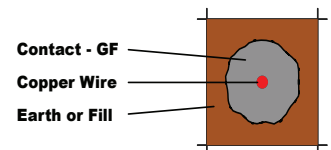
CONTACT-GS contains the hardening characteristics of cement while retaining its highly conductive properties.

CONTACT-GS will remain highly conductive during a drought or when exposed to extremely low temperatures. Since **CONTACT-GS** does not have any shrinkage or expansion properties it will remain in contact with the earth.

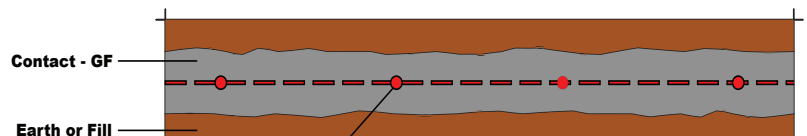
Features

- EZ to install.
- Electrically Conductive.
- Environmentally Friendly.
- Will not leech into the ground.
- Positive low resistance, electrical connection to earth.
- Does not contain any hazardous chemicals.
- Compatible with all copper grounding systems.
- Contains a corrosion inhibitor to protect copper.
- Will not expand or shrink.
- Not affected by freezing.
- Typical resistivity < 10 Ohm-cm.

VERTICAL INSTALLATION



HORIZONTAL CONSTRUCTION/GRID CONSTRUCTION



How to Measure Your **Contact-GS** Needs

Material Required Per Linear Foot of Trench

Thickness of CONTACT-GS (Inches)	Width of Trench (Inches)										
	4	6	8	10	12	14	16	18	20	22	24
2	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18.0	19.7	21.5
3	5.4	8.1	10.8	13.5	16.2	18.8	21.5	24.2	26.9	29.6	32.3
4	7.2	10.8	14.4	18.0	21.5	25.1	28.7	32.3	35.9	39.5	43.1
5	9.0	13.5	18.0	22.4	26.9	31.4	35.9	40.4	44.9	49.4	53.9
6	10.8	16.3	21.5	26.9	32.3	37.7	43.1	48.5	53.9	59.2	64.6
7	12.6	19.0	25.1	31.4	37.7	44.0	50.3	56.5	62.8	69.1	75.4
8	14.4	21.7	28.7	35.9	43.1	50.3	57.4	64.6	71.8	79	86.2
9	16.3	24.4	32.3	40.4	48.5	56.5	64.6	72.7	80.8	88.9	96.9
10	18.1	27.1	35.9	44.9	53.9	62.8	71.8	80.8	89.8	98.7	107.7

To calculate the lbs of material required to-fill a trench

1. Determine desired thickness
2. Move to the right until you are under the known width of the trench. This number will be the weight of the material lbs/linear ft.
3. Take this number and multiply by the length of the trench in feet. Your answer will be the amount of **CONTACT-GF** material required to fill the trench to the desired level in lbs.

Example:

Thickness = 6 inches
 Width = 18 inches
 Answer = 48.5 lbs per linear ft or 24 (50 lb) bags of **CONTACT-GS**

48.5 lbs per liner ft x 25ft trench = 1,212.5 lbs of **CONTACT-GS**