

**TracPipe® CounterStrike®**  
Flexible Gas Piping by OmegaFlex.

**Saves time.  
Saves money.**



**Up to 2" size for commercial gas piping.**

# TracPipe® CounterStrike®

## *The Contractor's Choice.*

Heavy duty but lightweight

Semi-rigid but flexible

Proven new technology

CounterStrike replaces black pipe—  
no contest!

More and more gas piping contractors  
are choosing CounterStrike to gain a  
major advantage over their rigid  
piping competitors.

CounterStrike is available in seven sizes  
from 3/8 inch all the way up to 2 inch.

CounterStrike's superior corrugated  
tubing, jacketed with flame-retardant  
polyethylene, is an unbeatable gas  
piping material.

CounterStrike Corrugated Stainless Steel  
Tubing is an approved gas piping material  
in virtually every mechanical and  
plumbing code in effect in the U.S. and  
Canada.

Teamed with AutoFlare® fitting, manifolds,  
termination mounts, meter terminations,  
pressure regulators, shut off valves, and  
striker plates, the CounterStrike system  
provides everything you need for a  
complete installation.

Cost-effective, safe and completely  
reliable, CounterStrike is the ideal pipe for  
new construction, rehab and retrofit  
projects. It offers demonstrated savings for  
residential, multi-family and commercial  
installations.





## ***Choose CounterStrike. Replace Black Pipe.***

- Bends and conforms by hand
- Pull gas pipe like electrical wire
- Saves up to 75% of installation time
- Cuts with a standard tube cutter
- No threading or welding hassles
- CounterStrike weighs a fraction of black pipe, for potential workmen's comp savings
- Combined with elevated pressure, 2-inch CounterStrike replaces 5-inch black pipe
- CounterStrike is rated for indoor, outdoor use and underground (sleeved TracPipe PSII)
- Better suited to withstand ground settling and seismic stress
- CounterStrike installs as fast as your high lift can move you

## ***Choose the Leading Flexible Gas Piping.***

### **Stronger**

CounterStrike's superior corrugated tubing cuts clean and is extremely damage resistant

### **Highest Pressure Ratings**

Tested by CSA International for ratings up to 125 psi; conforms to requirements for industrial, commercial and high rise applications

### **Highest Capacity Ratings (EHD)**

Use with elevated pressure to allow smaller piping for high appliance loads

### **AutoFlare® Fitting**

Unsurpassed reliability, the only fitting that is self-flaring and self-piloting to pipe's inner diameter

### **Save Time and Money**

A fitting that seals the first time, every time, takes less time to complete the job

### **Get More Business**

Your crew can complete many more installations each week for no increase in labor costs



# CounterStrike – the



Schools, Colleges

**Don't take our word for it**

*Mechanical Contractor — Midwest*

*"We saved two man-weeks on our high school renovation project by choosing flexible CounterStrike over rigid black pipe. We simply pulled long runs through PVC pipe over existing ceilings. CounterStrike is a great new way to run gas piping in our commercial jobs."*



Assisted living, Elder housing



Multi-family apartment

*Mechanical Contractor, Multi-Family — East Coast*

*"We've been specifying CounterStrike CSST since it first became available almost six years ago. We replaced copper tube because of the high cost of callbacks. CounterStrike is the easiest to use and most reliable product for gas piping. With CounterStrike we have no callbacks and we save money."*



# Commercial Choice.

— take our customers'!



Theme park, Aquarium

Specifying Engineer — Southwest

*"CounterStrike has been included in our master specification for several years. We specify CounterStrike flexible gas piping because of the enhanced lightning protection that it provides. I've found it to be the most dependable corrugated stainless steel tubing."*



Multi-family townhouses



Warehouse, Freight depot



# TracPipe PSII is the Underground Choice.

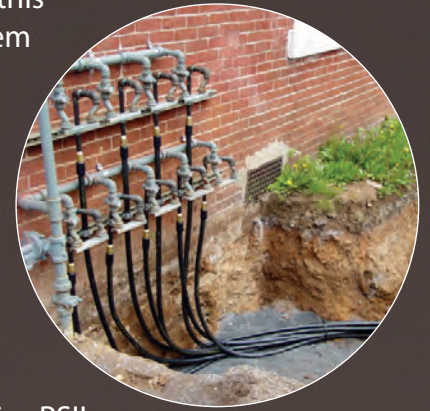
Patented

TracPipe PSII is Pre-Sleeved with polyethylene for underground use, such as under building slabs and other locations where sleeved piping is required. TracPipe PSII is also used on rooftop installations, where an additional measure of protection is needed. It will save you both time and money over piping underground with rigid black pipe, sleeved or wrapped.

- Available pre-sleeved in various lengths
- Sizes up to 2 inch
- Vent port built in to enable outdoor venting, required when running gas piping under slabs and beneath buildings
- Underground TracPipe PSII is used for all below grade gas piping applications, such as pool/spa heaters, garage/out building systems, center island cook-tops, ranges, and under slab systems for schools, laboratories, multi-family construction, fast-food restaurants and any other gas piping which is placed underground.
- See Design and Installation Guide for complete information on TracPipe PSII.

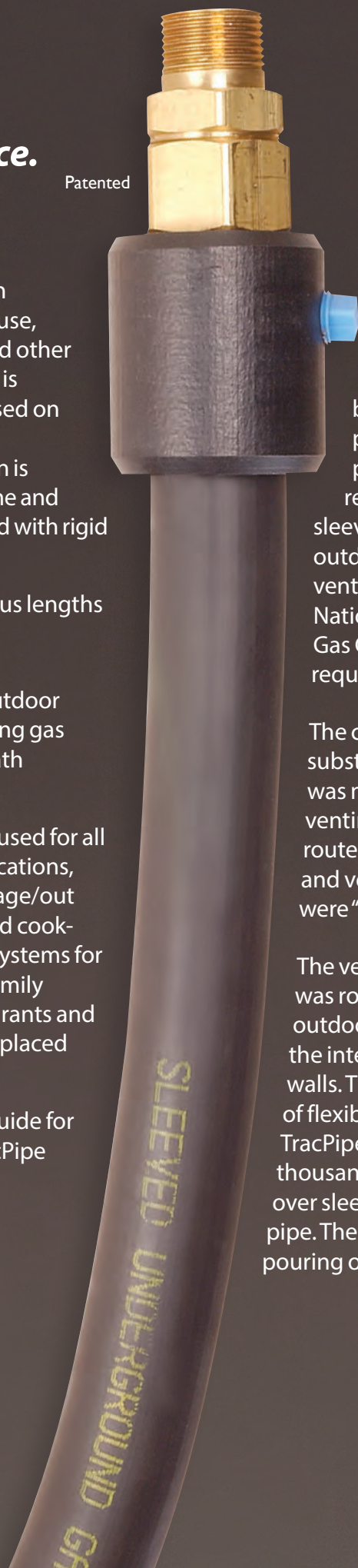
The original design for the ground floor science laboratories in this new high school specified rigid black pipe. The under slab portions of this piping system

require both sleeving and outdoor venting per the National Fuel Gas Code requirements.



The choice to substitute TracPipe PSII was made because of the built-in venting feature. The gas piping was routed between lab table locations, and venting connections were "daisy chained."

The vent system was routed outdoors through the interior block walls. The use of flexible TracPipe PSII saved thousands of dollars over sleeved rigid black pipe. The time saved permitted pouring of the slab floor on schedule.





# Choose CounterStrike — The flexible gas pipe leader — Save time and money.

CounterStrike has created cost-effective and time-saving products for the commercial contractor.

Here's everything you need to give you a major edge over your competition.

You will drastically reduce the amount of time and labor dollars you spend on gas piping jobs.

CounterStrike® meets building code requirements (ASTM E84) with respect to flame spread and smoke density. This permits installation in drop ceilings used as return air plenums, and is UL Listed for 1, 2, and 4 hour through penetration firestop systems without removal of the jacket.



## OmegaFlex®

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**ISO 9001 Certified**

ICC-ES PMG

CounterStrike #1058

PSII #1052



CounterStrike® gas piping complies with model codes including the National Fuel Gas Code (NFPA-54), International Fuel Gas Code (IFGC), and Uniform Plumbing Code (UPC). CounterStrike is also listed to ANSI LC 1.

## Product Data Sheet

Maximum Capacity of CSST in Cubic Feet per Hour of Gas (1,000 BTU approx.) Gas Pressure: 6-7 in. water column Pressure Drop: 0.5 in. water column (based on a 0.6 specific gravity gas)

Capacity - Natural Gas Table N-1 Low Pressure Standard		5	10	15	20	25	30	40	50	60	70	75	80	90	100	125	150	200	250	300
Tube Size (EHD)	Tube Length (ft)																			
3/8" (15)		63	45	37	33	29	27	23	21	19	18	17	17	16	15	14	12	11	10	9
1/2" (19)		138	99	81	70	63	58	50	45	41	38	37	36	34	32	29	26	23	20	19
3/4" (25)		344	245	201	175	157	143	125	112	102	95	92	89	84	80	71	65	57	51	46
1" (31)		589	419	343	298	267	244	212	190	174	161	156	151	142	135	121	111	96	86	79
1 1/4" (37)		1109	789	646	561	503	460	399	358	327	303	293	284	268	254	228	208	181	162	148
1 1/2" (46)		1790	1261	1027	888	793	723	625	559	509	471	455	440	415	393	351	320	277	247	226
2" (62)		4142	2934	2398	2078	1860	1698	1472	1317	1203	1114	1076	1042	983	933	835	762	661	591	540

Maximum Capacity of CSST in Cubic Feet per Hour of Gas (1,000 BTU approx.) Gas Pressure: 2 psi Pressure Drop: 1.0 psi (based on a 0.6 specific gravity gas)

Capacity - Natural Gas Table N-5 Elevated Pressure (2 psi-1 psi drop)		5	10	15	20	25	30	40	50	60	70	75	80	90	100	125	150	200	250	300
Tube Size (EHD)	Tube Length (ft)																			
3/8" (15)		410	353	286	246	220	200	172	154	139	128	124	120	112	107	94	87	75	67	61
1/2" (19)		965	700	567	493	444	406	353	317	290	269	260	252	238	226	203	186	162	145	133
3/4" (25)		2430	1734	1423	1237	1110	1015	883	792	724	672	650	630	595	565	507	464	403	361	331
1" (31)		4220	3004	2463	2139	1917	1753	1522	1365	1248	1157	1118	1084	1023	971	871	796	691	620	567
1 1/4" (37)		7969	5670	4646	4034	3615	3305	2870	2572	2352	2180	2108	2042	1927	1830	1640	1499	1302	1167	1067
1 1/2" (46)		13626	9599	7820	6762	6041	5509	4763	4255	3881	3590	3467	3355	3161	2997	2678	2442	2111	1886	1720
2" (62)		30546	21637	17684	15326	13715	12526	10855	9715	8872	8217	7940	7689	7251	6881	6158	5624	4874	4362	3983

Maximum Capacity of CSST in Cubic Feet per Hour of Gas (1,000 BTU approx.) Gas Pressure: 5 psi Pressure Drop: 3.5 psi (based on a 0.6 specific gravity gas)

Capacity - Natural Gas Table N-6 Elevated Pressure (5 psi)		5	10	15	20	25	30	40	50	60	70	75	80	90	100	125	150	200	250	300
Tube Size (EHD)	Tube Length (ft)																			
3/8" (15)		736	672	552	475	420	382	329	293	267	246	238	230	216	205	182	166	143	128	116
1/2" (19)		1769	1304	1040	905	827	755	654	586	532	493	479	463	437	415	373	341	297	266	244
3/4" (25)		4472	3191	2619	2277	2042	1869	1625	1457	1333	1237	1196	1159	1095	1040	933	853	742	665	609
1" (31)		7800	5659	4552	3953	3543	3240	2814	2522	2307	2139	2067	2003	1891	1795	1609	1472	1278	1146	1048
1 1/4" (37)		14743	10489	8595	7463	6688	6116	5310	4759	4351	4034	3899	3778	3565	3386	3034	2774	2409	2159	1974
1 1/2" (46)		25665	18080	14730	12737	11378	10377	8972	8015	7310	6762	6530	6320	5955	5646	5044	4600	3977	3553	3240
2" (62)		56970	40353	32961	28583	25580	23361	20246	18119	16547	15326	14809	14341	13524	12834	11485	10489	9090	8135	7430

Maximum Capacity of CSST in Thousands of BTU per Hour of Undiluted Liquefied Petroleum Gas Gas Pressure: 11 in. water column Pressure Drop: 0.5 in. water column (based on a 1.52 specific gravity gas)

Capacity - Propane Table P-1 Low Pressure Standard 11 inches W.C.		5	10	15	20	25	30	40	50	60	70	75	80	90	100	125	150	200	250	300
Tube Size (EHD)	Tube Length (ft)																			
3/8" (15)		100	71	59	52	46	43	36	33	30	28	27	27	25	24	22	19	17	16	14
1/2" (19)		218	157	128	111	100	92	79	71	65	60	59	57	54	51	46	41	36	32	30
3/4" (25)		545	388	318	277	249	226	198	177	161	150	146	141	133	127	112	103	90	81	73
1" (31)		933	663	543	472	423	386	336	301	275	255	247	239	225	214	192	176	152	136	125
1 1/4" (37)		1756	1249	1023	888	796	728	632	567	518	480	464	450	424	402	361	329	287	256	234
1 1/2" (46)		2834	1997	1626	1406	1256	1145	990	885	806	746	720	697	657	622	556	507	439	391	358
2" (62)		6558	5645	3797	3290	2945	2688	2331	2085	1905	1764	1704	1650	1556	1477	1322	1206	1047	936	855



1-800-671-8622

Additional sizing charts can be located in the  
Installation and Design Guide FGP-001