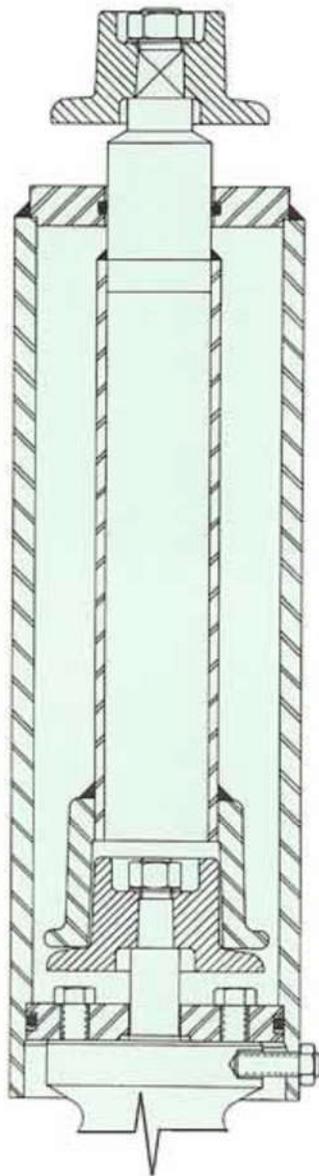


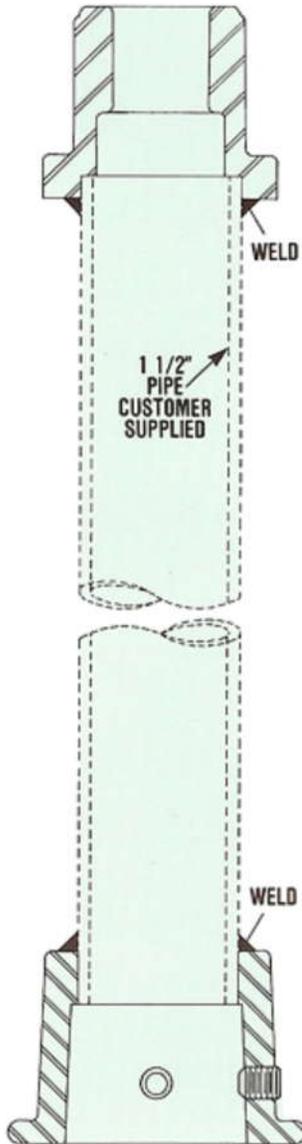
# Model-1 Accessories

## Natural Gas Valve



### Watertight High Head Extension

Kerotest offers a wide variety of watertight extensions custom built to your specifications. Can be factory mounted or field mounted on existing valves. Ideal for high water table areas or excessively deep pipe lines. Options include locking devices, handwheels, indicators, bevel gear operators, epoxy coatings and electric actuators.



### Operating Square Extension

**Part Number**  
**9898-35 Top**  
**9898-34 Bottom**



### Model-1 Malleable Iron Circular Handwheels

Catalog No.	Size	Diameter
2-1/2-23-5	2"	9"
4-1-5	3" & 4"	12"
6-1-5	6"	14"
8-1-5	8"	16"
10-1-5	10" & 12"	18"

### Epoxy Coated Kerotest Valves

Kerotest offers valves precoated with "SCOTCHKOTE" Brand Resin, manufactured by the 3M Company. These valves have been engineered specifically for the industry and now are available with an industry accepted and proven coating – "SCOTCHKOTE" Resin.

The epoxy resin features high adhesion, coating toughness and excellent resistance to a wide variety of chemicals, and most acids and alkalis found in the soil. Coating is applied with commercial spray equipment to an average 9 mil dry film thickness.

### Special Options

- Body Bleed Taps
- Vent Pipes
- Viton Packing

### "SCOTCHKOTE" No. 306 Typical Properties

Properties	Test_Methods	Value
Adhesion to Steel	3M	2300 PSI (161 Kg/Cm <sup>2</sup> )
Shear Adhesion	3M	3300 PSI (232 Kg/Cm <sup>2</sup> )
Thermal Shock	4'x4' Coated Panel 310° F to -100° F (154° C to -38° C)	10 Cycles No Effect
Salt Spray 2000 hr Fungus Resistance	ASTM B-117-61 MIL-E-5272C	No Effect Funginert
Weatherometer 1000 hours	ASTM E-42-57	Surface Chalking
Outdoor Weathering	Sugarland, Texas 4 years	Surface Chalking
Flame Resistance Maximum Temperature Operating Range	MIL-1-16923E	Self-extinguishing Wet 140° F (60° C) Dry 250° F (120° C)



# Model-1 Gate Valve Bill of Material

## Natural Gas Valve

Item Number	Name of Part	Qty Per	Description of Material
1	Body	1	Cast Steel, ASTM A216, GR. WCB
2	Cover	1	Cast Steel, ASTM A216, GR. WCB
3	Wedge	1	Cast Iron, ASTM A126, Class B
4	Stem	1	Stainless Steel, ASTM A581 or A582, Type 416
5	Gland	1	Lead Carbon Steel, AISI, GR. 11L17
6	Packing Adapter	1	Brass, ASTM B16, UNS NO. C36000
7	Packing Set	1	Buna N
8	Packing Shim	2	Compressed Fiber
9	Gland Gasket	1	Compressed Fiber
10	Cover Gasket	1	Corrugated Steel
11	Operating Square	1	Cast Ductile Iron, ASTM A536, GR. 65-45-12
12	Thrust Washer	2	Brass, SAE 706
13	O-Ring	2	Buna N
14	O-Ring	2	Buna N
15	O-Ring	1	Buna N
16	Hex. Hd. Cap Screw	?	Steel, SAE GR. 5
17	Hex. Socket Hd. Cap Screw	?	Steel, ASTM A574
18	Hex. Nut	1	Steel, Zinc Plated
19	Drive Screw	4	Stainless Steel
20	Rating Tag	1	18-8 Stainless Steel
21	Nameplate	1	18-8 Stainless Steel

? = Quantity Varies Based On Size



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# Kerotest Gate Valves

## Standardized Weld Ends

For approximately the last 17 years, Kerotest has provided standardized weld ends on all its gate valves. These weld ends are compatible with a range of pipe wall thicknesses as shown on the following chart.

The standardized weld end dimensions we utilize fall within the requirements outlined in ASME B31.8, Appendix 1, 1995 Edition. This standard allows for a mismatch of the inside diameter of adjoining pipe or valve weld ends of  $\pm 3/32$  inches or .093.

WALL THICKNESS RANGE PER ANSI B31.8				
NOMINAL SIZE	VALVE	VALVE END BORE	USABLE PIPE WALL RANGE	
			MINIMUM	MAXIMUM
2"	MODEL-1 / EV-11	2.063	.067	.245
3"	MODEL-1 / EV-11	3.113	.105	.282
4"	MODEL-1 / EV-11	4.100	.111	.289
6"	MODEL-1	6.125	.161	.339
6"	EV-11	6.145	.151	.329
8"	MODEL-1 / EV-11	8.094	.177	.354
10"	MODEL-1	10.166	.203	.381
10"	EV-11	10.125	.224	.401
12"	MODEL-1	12.156	.208	.386
12"	EV-11	12.125	.224	.401
16"	MODEL-1	15.375	.224	.401



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