

PENBERTHY

material specifications

Section 2000
 Material Specification 2627.1
 Issued 09/05
 Replaces 01/05

For: ACCESSORIES FOR GAGE AND GAGECOCKS

Ref. No.	Part Description	Standard Material	Optional Material
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Frost Proof Kit

4	Nut	ASTM A563 Gr. A Steel, Zinc Plated	None
4A	Nut, Acorn	18-8 Stainless Steel	None
4B	Nut, Tinnerman	Steel	None
73	Bracket	Carbon Steel, Zinc Di-Chromate Finish	None
74	Extension	PMMA (Acrylic Sheet)	None
100	Cap Screw	ASTM A449 Steel, Zinc Plated	None
137	Bolt	ASTM A307 Gr. A Steel, Zinc Plated	None

Illuminator

1	Cover	ASTM B26 UNS #A13560-T6 Aluminum	None
1A	Cover, Back	ASTM B26 UNS #A13560-T6 Aluminum	None
3	Stud	ASTM A449 Steel, Zinc Plated	None
4, 4A	Nut	SAE J995 Gr. 2 Steel, Zinc Plated	None
4B, 4C	Nut	ASTM A563 Gr. A Steel, Zinc Plated	None
4D	Nut, Acorn	18-8 Stainless Steel	None
4E	Nut, Tinnerman	Steel	None
11	Body	ASTM B26 UNS #A13560-T6 Aluminum	None
38	Plug	Steel, Zinc Electroplate w/ Chromate Treatment	None
39, 39A	O-ring	Viton [®]	None
73	Bracket	Carbon Steel, Zinc Di-Chromate Finish	None
80	Clamp	304 Stainless Steel Wire	None
100, 100D	Screw	304 Stainless Steel	None
100A, 100B 100C	Screw	ASTM A449 Steel, Zinc Plated	None
100F	Screw	SAE J933 Steel, Zinc Plated	None
100G	Screw, Set	316 Stainless Steel	None
113	Lamp	60 Watt, 115 Volt	60 Watt, 24 Volt 60 Watt, 230 Volt 25 Watt, 24 Volt 25 Watt, 115 Volt 25 Watt, 230 Volt
118	Lens	Tempered Borosilicate	None
120	Reflector	PMMA (Acrylic Sheet)	None
121	Socket, Lamp	Porcelain	None
125	Washer	Steel, Zinc Plated	None
139	Collar	Carbon Steel, Zinc Di-Chromate Finish	None
142	Boot	Neoprene [®]	None
163	Nameplate	Aluminum Sheet	None
163A	Nameplate, Caution	Aluminum Sheet	None
164	Plate, Backing	Aluminum Alloy 5052 H32	None
209	Chain	Steel, Zinc Plated	None

PENBERTHY

material specifications

Section 2000
 Material Specification 2627.2
 Issued 09/05
 Replaces 01/05

For: ACCESSORIES FOR GAGE AND GAGECOCKS

Ref. No.	Part Description	Standard Material	Optional Material
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300/400 Gagecock Jackets

4	Nut	Steel, Galvanized	None
67A	Jacket, Side A	Aluminum Alloy 319 Temper F	None
67B	Jacket, Side B	Aluminum Alloy 319 Temper F	None
100	Screw	Steel, Brass Plated	None
119	Pipe	ASTM A106 Gr. B Carbon Steel	None
163	Nameplate	Stainless Steel	None

Heating and Cooling

External Chambers	ASTM A105 (forged) Carbon Steel	ASTM A276 316/316L Stainless Steel ASTM A516 Gr. 70/S5 Carbon Steel
Internal Tubes	ASTM A269 304/304L Stainless Steel	None
Fittings	Stainless Steel Conax	None
Blocking Tees	ASTM A105 Carbon Steel	ASTM A182 Gr. F316 Stainless Steel

Gage Scale

1/8" Increments	Zinc Alloy	ASTM A240 316 Stainless Steel
Centimeter Increments	304 Stainless Steel	None
Mounting Bracket	Aluminum (cast)	ASTM A276 316 Stainless Steel

Gage Support Bracket	ASTM A36 Carbon Steel	ASTM A240 316 Stainless Steel
Drain Valve	Steel	Steel per NACE MR0175 &/or MR0103 316 Stainless Steel
Drain Cock	ASTM B150 CA Alloy 360 Nickel Aluminum Bronze	None
Bleed Fitting	ASTM A108 Gr. C1018 Carbon Steel	ASTM A276 316/316L Stainless Steel
Nipples	ASTM A106 Gr. B Carbon Steel	ASTM A312 TP 316/316L Stainless Steel
Flanges	ASTM/ASME A105 Carbon Steel	ASTM A182 Gr. F316/316L Stainless Steel
Plugs	ASTM/ASME A105 Carbon Steel	316 Stainless Steel