

Installs Fast ...Any Shape ...Any Season

Kent Seal, Butyl Rubber, Joint Sealant is designed for fast, efficient, self-sealing joints in:

- Concrete Box-Culverts, Manholes & Pipes
- Septic Tanks
- Utility Boxes
- Underground & Burial Vaults
- Irrigation & Drainage Systems
- Storm & Sanitary Sewers
- Foundation Joints

All Butyl's are not created equal. Kent Seal is a Butyl compound, of 99% solids, specially formulated and vulcanized for the following physical properties:

Dense Polymer Structure - resists water vapor permeation through the joint.

Highly Compressible - provides excellent sealing characteristics even with minor bell and spigot imperfections.

Tacky Outer Surface - it's extremely adhesive qualities make it a natural for those "hard to bond to" surfaces.

Flexible - provides excellent memory retention to accommodate joint movement and deflection.

Temperature Resistant - will not go brittle at low temperatures, or spongy at high temperatures. Remains supple and easy to work with.

Aging Resistant - will not shrink, harden or oxidize. Indefinite shelf life.

Kent Seal Butyl Rubber Sealant



For Concrete Pipe and Structures

Standards

Kent Seal meets, or exceeds, the material requirements of specifications:

- SS-S-00210 (210-A)
- AASHTO M-198
- ASTM C990

Temperature Range

Application

Kent Seal #2 -18°C to 50°C
0°F to 120°F

Kent Seal #22 0°C to 43°C
32°F to 110°F

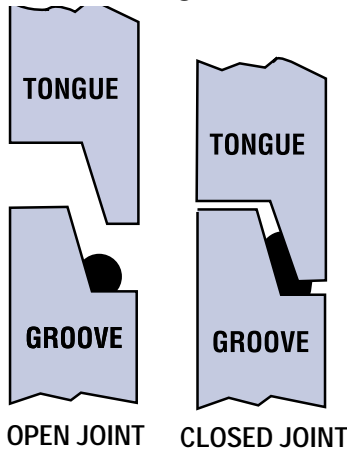
Service

Kent Seal #2 -40°C to 120°C
-40°F to 250°F

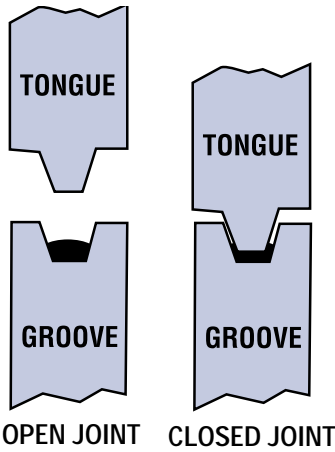
Kent Seal #22 -40°C to 82°C
-40°F to 180°F

Installation

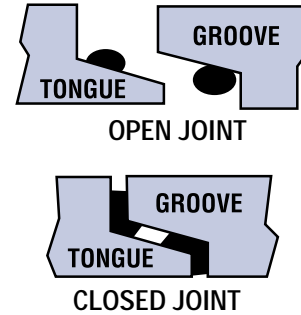
Single



Single



Dual



Note: Complete installation instructions are shipped with every box.

Shipping & Usage Quantities

Kent Seal size selection is based upon the annular space of the joint being sealed. Minimum thickness required is 2x the annular space.

Size	Actual Size	Coil Length	Coils Per Box	Coils Per Skid
1/2"	0.44" x 0.44"	21'9"	12	480
3/4"	0.705" x 0.66"	14'6"	8	320
1"	0.89" x 0.89"	14'6"	6	240
1 1/4"	1.03" x 1.25"	14'6"	5	200
1 1/2"	1.25" x 1.5"	10'11"	4	160
2"	1.675" x 1.875"	7'0"	4	160

Circular Pipe		Elliptical Pipe		Arch Pipe	
Pipe Size	Approx. Length Required	Equivalent Pipe Size	Approx. Length Required	Equivalent Pipe Size	Approx. Length Required
12"	4'3"	-	-	-	-
15"	5'1"	15"	5'0"	15"	4'6"
18"	6'0"	18"	5'8"	18"	5'3"
21"	7'0"	-	-	-	-
24"	8'0"	24"	7'6"	24"	7'1"
27"	8'8"	27"	8'5"	-	8'0"
30"	9'7"	30"	9'3"	30"	10'4"
36"	11'4"	36"	11'1"	36"	12'0"
42"	13'1"	42"	13'0"	42"	13'7"
48"	14'6"	48"	14'6"	48"	15'2"
54"	16'8"	54"	16'4"	54"	17'0"
60"	18'4"	60"	18'1"	60"	-
66"	20'0"	66"	20'0"	-	20'3"
72"	20'0"	72"	21'7"	72"	-
78"	22'9"	78"	23'4"	-	-
84"	24'2"	84"	25'2"	-	-
90"	25'9"	90"	26'8"	-	-
96"	27'6"	96"	28'7"	-	-
108"	31'0"	108"	32'0"	-	-
120"	34'0"	120"	35'5"	-	-

Packaging

Kent Seal is coiled with an easy release paper. Each coil in the box is separated by a release paper, and a release paper stiffener placed between layers for protection until used.



HK Hamilton Kent

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Kent Seal #2, Premium Grade Butyl Sealant

Technical Data Sheet

Description

Kent Seal #2 is a premium grade butyl based sealant designed to be permanently flexible, tacky, moisture resistant and resistant to deterioration due to dilute chemical exposure.

Approvals

Meets or exceeds material requirements* of:

- ASTM C990-96
- SS-2-210
- SS-S-210A

Use

Flexible rope gasket for sealing joints in precast concrete.

Limitations

Not recommended for use with oils or hydrocarbon solutions.

Packaging

Kent Seal is supplied in roll form, on easy release liner.

Instructions

All installation surfaces must be clean and dry. Primer is recommended for damp concrete and installations below 40°F (5°C).

Application Properties	
Service Temperature	-40°F to 250°F -40°C to 120°C
Application Temperature	0°F to 120°F -18°C to 50°C
Storage	Under 120°F Under 50°C
Shelf Life	1 year

* Except for flash point & fire point.

Technical Data		
Physical Properties	Typical Values	Test Method
Color	Black	Visual
S.G.	1.25 to 1.35	ASTM D71
Hydrocarbon Content	50% Min.	ASTM C990
Ash Content	45% to 48%	AASHTO T111
Ductility @ 77°F (25°C)	6.0 cm	ASTM D113
Rebnd./Recov. @ 77°F (25°C)	4% to 7%	ASTM C972
@ 32°F (0°C)	5% to 10%	
Comp. Index @ 77°F (25°C)	(lbf per cu.in.) 40 to 55	ASTM C972
@ 32°F (0°C)	130 to 160	
Solids Content	99%	ASTM D6
Elevated Temperature Flow	No sag or shape change after 14 days @ 158°F (70°C)	ASTM C766
Adhesion After Impact	No loss of adhesion	ASTM C990
Cone Penetration @ 77°F (25°C)	55 to 85	ASTM D217
Chemical Resistance	No visible change after 30 days immersion in 5% solution of HCL, H2SO4, NaOH, KOH, H2S	SS-S-201 Sec. 3.6
Low Temperature Flexibility	No cracking or adhesion loss @ -10°F (-23°C)	ASTM C765

Note: The foregoing information is published as general information only.



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