



Kent Seal™ No. 2

Premium Grade Butyl Rubber Sealant

...Installs Fast

...Any Shape

...Any Season

Kent Seal™ No. 2 Butyl Rubber Joint Sealant is a flexible-rope, gasketing material ideally suited for fast, efficient sealing of joints in precast concrete:

- Pipes
- Manholes
- Box Culverts
- Septic Tanks
- Catch Basins
- Utility Boxes
- Underground Vaults
- Burial Vaults

All Butyls are not created equal!

Kent Seal™ No. 2 is a *premium*-grade Butyl Rubber compound specifically formulated for the following physical properties:

- **Dense Polymer Structure** - resists water vapor permeation through the joint.
- **Highly Compressible** - provides superior sealing characteristics to accommodate minor imperfections in the mating surfaces.
- **Tacky Outer Surface** - its extremely adhesive qualities make it a “natural” for those “hard to bond to” surfaces.
- **Flexible** - provides excellent memory retention to counteract joint movement and deflection.
- **Temperature Resistant** - will not go brittle at low temperatures or spongy at elevated temperatures. Remains supple and easy to apply.
- **Ageing Resistant** - will not shrink, harden or oxidize. Provides extended shelf life.



Kent Seal™ No. 2 is supplied in pre-formed coils with an easy-release backing paper. Each coil in the box is separated by an easy-release paper and a stiffener is placed between each layer for enhanced protection.

Specifications

Kent Seal™ No. 2 meets or exceeds the material requirements of:

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

Temperature Ratings

Application	30°F to 120°F	(-1°C to 49°C)
Service	-30°F to 200°F	(-34°C to 93°C)
Storage	<120°F	(<49°C)

**Making Infrastructure Watertight Today
for a *Greener*, Sustainable Tomorrow**

Application Quantity				
Pipe Size*		Length Required (Single Bead)		
(in)	(mm)	Round	Elliptical	Arch
12	300	4' 3"		
15	375	5' 1"	5' 0"	4' 6"
18	450	6' 0"	5' 8"	5' 3"
21	525	7' 0"		
24	600	8' 0"	7' 6"	7' 1"
27	675	8' 8"	8' 5"	8' 0"
30	750	9' 7"	9' 3"	10' 4"
36	900	11' 4"	11' 1"	12' 0"
42	1050	13' 1"	13' 0"	13' 7"
48	1200	14' 6"	14' 6"	15' 2"
54	1350	16' 8"	16' 4"	17' 0"
60	1500	18' 4"	18' 1"	
66	1650	20' 0"	20' 0"	20' 3"
72	1800	21' 8"	21' 7"	
78	1950	22' 9"	23' 4"	
84	2100	24' 2"	25' 2"	
90	2250	25' 9"	26' 8"	
96	2400	27' 6"	28' 7"	
108	2700	31' 0"	32' 0"	
120	3000	34' 0"	35' 5"	

* Round Equivalent for Elliptical and Arch
** These figures are approximate, and are for estimating purposes only.

Available Sizes & Packaging				
Size* (in)	Dimensions (in)	Coil Length	Coils per Box	Coils per Skid
1/2	0.440 x 0.440	21' 9"	12	480
3/4	0.705 x 0.660	14' 6"	8	320
1	0.890 x 0.890	14' 6"	6	240
1 1/4	1.030 x 1.250	14' 6"	4	160
1 1/2	1.250 x 1.500	10' 11"	4	160
2	1.675 x 1.875	7' 6"	4	160

* Round Equivalent (RES)

Size Selection

Kent Seal™ size selection is based upon the width of the annular space (AS) being sealed, and the “round equivalent” size (RES).

Soil-tight Applications:

RES > 2 x AS

Watertight Applications:

RES > 3 x AS

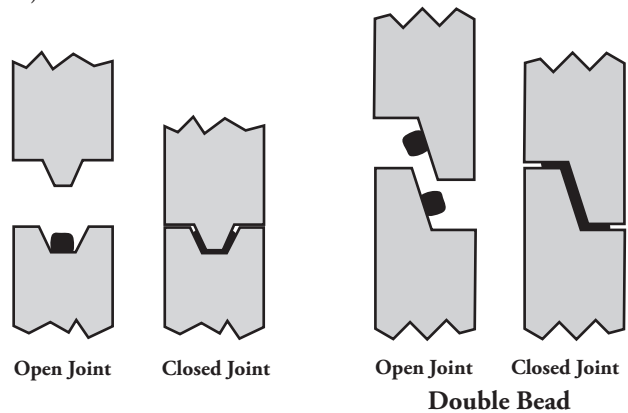
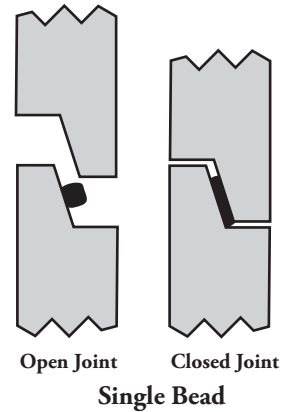
Installation

(Full installation instructions are included in each box.)

All installation surfaces must be clean and dry.

Apply a continuous bead of sealant around the periphery of the joint, pressing the bead firmly into place, then removing backing paper as you go.

The use of Kent Seal™ Primer is recommended for damp concrete and/or installations below 40°F (5°C)



Technical Data		
Physical Property	ASTM C990	Test Result
Hydrocarbon (Butyl) Content	50% Minimum	50%
Ash-Inert Mineral Content	30% Minimum	39.8%
Volatile Matter	2% Maximum	1.8%
Specific Gravity	1.15 to 1.50	1.30
Ductility @ 77°F	5.0cm Minimum	15cm
Flash Point (COC)	350°F Minimum	375°F
Fire Point (COC)	375°F Minimum	385°F
Compression @ 77°F	100 lb/in ³ Maximum	52 lb/in ³
Compression @ 32°F	200 Maximum	146 lb/in ³
Cone Penetration @ 77°F	50 to 120 dmm	77 dmm
Cone Penetration @ 32°F	30 dmm Minimum	43 dmm
Chemical Resistance	No Deterioration, Cracking or Swelling	Pass



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