



## PRODUCT DATA SHEET

# SikaSeal®-414 Backer Rod CA

A 3/4 inch closed cell compressible backup material. It is inserted into a joint to control sealant depth and to prevent 3 sided adhesion.

### PRODUCT DESCRIPTION

SikaSeal®-414 Backer Rod CA is an extruded round, closed-cell, low density polyethylene foam material with a skin-like outer texture. SikaSeal®-414 Backer Rod CA is non-absorbent, flexible and compressible allowing for easy installation in joints as a backup material for sealants.

### CHARACTERISTICS / ADVANTAGES

- Closed-cell, non-absorbent, moisture resistant
- Flexible, compressible
- Smooth skin
- ASTM C1330 Type C
- ASTM D5249 Type 3

### WHERE TO USE

Commonly used in horizontal and vertical glazing installations for:

- Expansion joints
- Pavement joints
- Precast units and copings
- Curtain wall joints
- Log construction; behind chinking mortar
- Windows and doors

### PRODUCT INFORMATION

<b>Packaging</b>	6 bags per box. Each bag contains a 2 cm (3/4 in) wide x 6 m (20 ft) long SikaSeal®-414 Backer Rod CA	
<b>Colour</b>	Grey	
<b>Shelf Life</b>		
<b>Storage Conditions</b>	Store in a closed container, in a dry place.	
<b>Density</b>	> 1.5	ASTM D 1622
<b>Tensile Strength</b>	345 kPa (50 psi)	ASTM D 1623
<b>Service Temperature</b>	-67 °C to 100 °C (-90 °F to 210 °F)	

<b>Water Absorption</b>	0.02% by Volume Determination of water absorption by sealant (joint filler) materials	ASTM C 509
<b>Compression Resistance</b>	Compression Deflection 35 kPa @ 25% (5 psi @ 25%)	ASTM D 1621
<b>Consumption / Yield / Dosage (PRINT single line)</b>	One SikaSeal®-414 Backer Rod CA fills a space approximately 2 cm (¾ in) wide x 6 m (20 ft) long.	
<b>Compatibility</b>	Compatible with wide range of sealants: <ul style="list-style-type: none"> <li>▪ Butyl</li> <li>▪ Polysulfide</li> <li>▪ Acrylic polyurethane</li> <li>▪ Silicone</li> <li>▪ Most cold applied sealants</li> </ul>	

## BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

Backer Rod CA is installed is one half the width. Very large and very small joints vary in terms of this depth to width ratio.

## WHERE TO USE

Do not puncture, stretch or overly compress SikaSeal®-414 Backer Rod CA.

## FURTHER INFORMATION

SikaSeal®-414 Backer Rod CA is chemically inert and will resist oil, gasoline and most other solvents. This material will not stain nor adhere to sealant materials, and is non-exuding.

## ENVIRONMENT, HEALTH & SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data. Always wear protective eyewear and gloves.

KEEP OUT OF REACH OF CHILDREN

## SUBSTRATE PREPARATION

Joint or opening must be clean, dry and free of all obstructions.

## APPLICATION

1. Cut SikaSeal®-414 Backer Rod CA to length needed or it can be used directly from the spool.
2. With a blunt instrument or roller, uniformly install SikaSeal®-414 Backer Rod CA at the level recommended by the sealant manufacturer, specifier or architect involved.
3. Generally, the depth of the joint after SikaSeal®-414

## LEGAL NOTES

The information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

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### **Other locations**

Boisbriand (Quebec)  
Brantford; Cambridge;  
Sudbury; Toronto (Ontario)  
Edmonton (Alberta)  
Surrey (British Columbia)

### **Product Data Sheet**

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