

# Teroson RB 6814

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## PRODUCT DESCRIPTION

Teroson RB 6814 provides the following product characteristics:

<b>Technology</b>	Butyl Rubber
<b>Product Type</b>	Adhesive/Sealant
<b>Application</b>	Assembly
<b>Appearance</b>	Black

Teroson RB 6814 is a hot-extrudable, soft-plastic, very tacky adhesive/sealant based on butyl rubber.

On exposure to heat, the product softens considerably but does not melt.

### Application Areas:

Teroson RB 6814 can be used for sealing metals and non-metal materials as well as for self-adhesive PIB foils, fleeces and tapes.

For other plastics trials are recommended.

## TECHNICAL DATA

Density, g/cm <sup>3</sup> :	approx. 1.3
Consistency:	soft, plastic
Solids, %:	100
Penetration (cone 150 g, 6 s, 20 °C), mm:	approx. 105 1/10
Tack:	strong
In service temperature range, °C:	-40 to 80
Short exposure (up to 1 h), °C:	115

## DIRECTIONS OF USE

### Preliminary statement:

Prior to application it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed.

### Pre-Treatment:

The substrates must be clean, dry, free of oil, grease and other anti-adhesive contaminants (e.g. release agents).

### Application:

To apply Teroson RB 6814 from drums or hobbocks extruder spiral-, piston-, gear- or rotary-pumps can be used. Here, the pump and the follower plate, hose and applicator must be heatable. By heating Teroson RB 6814 gets plasticized and hence pumpable.

Equipment with separate heating circuits and independent control turned out to be favorable, with the lowest temperature at the follower plate and the highest temperature at the application nozzle. The processing temperatures are between 80°C and 150°C, with the optimum range depending on the desired output and other specific requirements. On request, we will provide you with the needed information on suitable application equipment.

### STORAGE

Frost-Sensitive	No
Recommended Storage Temperature, °C	5 to 35
Shelf-life (in unopened original packaging), 12 months	

### ADDITIONAL INFORMATION

#### Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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