

# Teroson RB 279

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## PRODUCT DESCRIPTION

Teroson RB 279 provides the following product characteristics:

<b>Technology</b>	Butyl Rubber
<b>Product Type</b>	Adhesive/Sealant
<b>Application</b>	Assembly
<b>Appearance</b>	Grey, Black, Light grey

Teroson RB 279 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.

Teroson RB 279 can be supplied in profile form, in drums or in similar containers for hot application.

### Application Areas:

Teroson RB 279 can be used for sealing metals and non-metal materials as well as for self-adhesive PIB foils, fleeces and tapes.

## TECHNICAL DATA

Density, g/cm <sup>3</sup> :	approx. 1.4
Consistency:	soft, plastic
Solids, %:	100
Penetration (cone 150 g, 6 s, 20 °C), mm:	approx. 85 1/10
Tack:	very strong
In service temperature range, °C:	-40 to 80
Short exposure (up to 1 h), °C:	120

## 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:

#### Application as sealing tape

Unroll Teroson RB 279 and cut it to the desired length. Then apply the tape to the surface requiring sealing and press it on. Experience has shown that it is best not to remove the release paper or film when unrolling the tape, but only after it has been applied and pressed on. In this way any unwanted stretching of the tape during application can be prevented and the sealing tape is protected from dirt. After peeling off the release paper, press on the mating part and fix the entire

assembly mechanically, if necessary.

#### Application from hobbocks and drums

To apply Teroson RB 279 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 279 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 160°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), 24 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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