

Product information Flexonal® VR 80/Elast Seamfast

Material type	: Compact cast system strong tear-resistance setting
Characteristics	: Component A – Flexonal® VR 80/760 (Polyetherpolyol) Component B – Flexonal® VR 80/921 (Diphenylmethan-Diisocyanat, MDI)
Application	: Rim reinforcement of paper machine clothings, rim reinforcement on filters of all kinds, seam protections.

General characteristics

	Density (20°C)		Viscosity (20°C)	
Flexonal® VR 80/Elast Seamfast	1.03	g/cm ³	1450 ± 150	mPa*s
Flexonal® VR 80/921	1.16	g/cm ³	450 ± 50	mPa*s

Delivery form

VR 80/Elast Seamfast	200 ml, 500ml cartridges
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Storage

- Store temperature 15°C – 30°C
- Avoid direct sunshine
- Keep containers under lock and key
- When stored in a tank or in the working container of the machine, avoid contact with non-ferrous metals
- Storage stability 6 month

Safety instructions

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from Bachmann Kunststoff Technologien GmbH subsidiaries.

Reaction behavior

(Beaker test at 20°C, standard value)

Mixture ratio	:	Flexonal® VR 80/Elast Seamfast = 100 g Flexonal® VR 80/921 = 50 g
Pot life	:	~ 10-20 min.
Density	:	ca. 1120 kg/m ³

Modifications of the reaction behaviour are available.

Processing instruction

Processing machine	:	See Processing Instructions for Flexonal Cartridges
Preparation	:	very good homogenisation before use.
Material temperature	:	23 ± 2°C
Mould temperature	:	40 – 50°C

Mechanical characteristics

Density (DIN 53420)	:	1100	kg/m ³
Hardness Shore A (DIN 53505)	:	60	
Tensile strength (DIN EN ISO 527)	:	3.2	N/mm ²
Tearing resistance (DIN 53515)	:	1.4	N/mm
Elongation to break (DIN EN ISO 527)	:	211	%
Temperature stability	:	short-term up to 200°C, permanent temperature 160 °C	
Abrasion (10N) (DIN 53516)	:	230	mm ³

For more detail information about **Flexonal® VR 80/921** quod vide separated technical data sheet.

These figures are intended as a guide and should not be used in preparing specifications. The characteristics stated have been determined in accordance with the stated DIN regulations. The test specimens required were taken either from serial coatings or from test plates manufactured under production conditions.