

**INDUSTRY
SOLUTIONS.**

**Material
Solutions.**

CHT
SMART CHEMISTRY
WITH CHARACTER.

SILICONE FOR VACUUM BAGS

- ▶ 1:1 mix ratio
- ▶ Spray applied
- ▶ Fast curing heat accelerated RTV
- ▶ For repeated uses of the bag
- ▶ Low viscosity

SILICONE FOR VACUUM BAGS



APPLICATIONS:

- ▶ Wind turbine blades
- ▶ Automotive parts such as bumpers and windscreens
- ▶ Aerospace components
- ▶ Marine components

PACKAGING

Product supplied in 40 kg kits (2x20kg) 400kg kits on request.

VBS26-35 is an addition cure silicone moulding rubber used for the manufacture of reusable vacuum bags for resin infusion. It has been specially formulated as a sprayable material allowing for exceptionally low-cost composite manufacture using resin infusion technology.

Using an automated mixing and dosing machine, this material can be directly applied to the mould using spray equipment. This allows for very fast application and the flexibility to build the silicone in layers to the desired thickness, applying more silicone to areas prone to stress.



KEY PHYSICAL PROPERTIES

Material Data

Product	Mix Ratio	Viscosity A	Viscosity B	Elongation	Tear	Tensile
VBS26-35	1:1	18,000 mPas	17,000 mPas	590 %	20 kN/m	5 MPa

The data are standard values and not suitable for establishing specifications! Please note that the given values were determined in the laboratory and have to be verified in tests on your own for your specific manufacturing under the conditions in practice. Liability cannot be derived from this information. Liability can be assumed only for the consistently high quality of our products.

CHT
SMART CHEMISTRY
WITH CHARACTER.

You need further information?
Please contact us under e-mail: material@cht.com

CHT GERMANY GMBH | Bismarckstraße 102 | D-72072 Tübingen |
Tel +49 7071 154 -0 | Fax +49 7071 154-290 | info@cht.com

www.cht.com

Version 04., 2020