



# VABER INDUSTRIALE S.P.A.

PRODUZIONE ADESIVI E PRODOTTI CHIMICI INDUSTRIALI

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## TECHNICAL DATA SHEET

**4020300E  
TAPE**

**SOFT**

**Date of release:** March 22, 2000

**Revision n°:** 4 **dated:** 28.06.2002

**Compiler:** Cecconello

**T.D.:** Girivetto

**Q.M.S.:** Favatà

### 1. DESCRIPTION

SOFT TAPE is an adhesive tape in open cells foam PVC resin.

### 2. CHEMICAL AND PHYSICAL CHARACTERISTICS

COLOUR	: anthracite	
NET DENSITY	: 1,200 ± 0,100 g/cm <sup>3</sup>	1*
STRAIN STRENGTH UNDER COMPRESSION		2*
deflection of 25% of initial thickness	: 69 Kg approx	
deflection of 40% of initial thickness	: 109 Kg approx	
deflection of 65% of initial thickness	: 301 Kg approx.	
RESIDUAL DEFORMATION AFTER COMPRESSION		3*
After 30 min.	: 7,9 % approx.	
After 4 h.	: 3,1 % approx.	
After 24 h.	: 1,1 % approx.	
DIMENSIONAL STABILITY AFTER HEAT TREATMENT		
4 h. at 60° C: longitudinal shrinkage	: 1,0 mm ± 3%	
4 h. at 60° C: transversal shrinkage	: 0,1 mm ± 3%	
4 h. at 30° C: longitudinal shrinkage	: 0,6 %	
4 h. at 30° C: transversal shrinkage	: 0,6 %	

TENSILE STRENGTH	: $\geq 0,24 \text{ N/mm}^2$	4*
ELONGATION AT BREAK	: $\geq 137 \%$	4*
ADHESIVE	: acrylic base	
SHEAR ADHESION STRENGTH		5*
- after 30' @ 21°C	: $\geq 0,5 \text{ daN/cm}^2$	
- after 24 h @ 21°C	: $\geq 0,6 \text{ daN/cm}^2$	
- after 24 h @ 21°C and 48 h @ 90°C	: $\geq 0,7 \text{ daN/cm}^2$	

1\*VABER Method T-03 (ref. ASTM D 792-91; ISO 845)

2\* DIN 53576/B

3\* DIN 53572

4\* VABER Method T-10 (DIN 53571 -10 cm/min speed)

5\* FIAT Method 903164 on bright painted steel

### 3. USE AND APPLICATION

The SOFT TAPE adhesion was verified on expanded and solid PE, PVC, ABS and steel. Before application it is better to verify experimentally the compatibility of the SOFT TAPE with the surface to be treated.  
Be sure that the surface is clean and oil, grease and anti-adhesive (ex. silicone) free.

### 4. STORAGE AND SHELF LIFE

SOFT TAPE stored in its original package, in a well-ventilated place, under dry conditions, at temperature between +5°C and +25°C has a shelf life of 12 months from the manufacturing date.

### 5. NOTICE

The above information and our technical indications (both verbal and written or resulting from testing), in particular those that regard the applications and uses of our products, correspond to our best knowledge and experience; however, they do not constitute our warranty relative to final results or our responsibility deriving from any juridical relationship whatsoever.

In fact, considering the multiplicity of materials, supports, handling and storage conditions, as well as the conditions of production and utilization, the user, in function of his specific circumstances of use, must always preventively verify all the information and instructions reported above.

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