

Data sheet Product WSF 16



Accessories for electronic components > Thermally conductive material > Heat conductive foam and gel foils

- elastomer foam with closed cell structure
- good heat conductor e.g. between components, heatsinks and casing parts
- electrical insulating
- can be compressed even with a low contact pressure
- absorbs shocks and vibrations

Thermal resistance at 3.2 mm material thickness:

compression [%]	contact 10	25	50
contact pressure [psi]	>1	5	12 34
R _{th} [K/W] (1 in ² x 3.2 mm)	6	4.5	2.5 1
heat conductivity [W/mK]	0.3	0.4	0.45 0.65

- WSFS 635 double sided adhesive and WSF self-adhesive upon request
- according to NASA gas emission requirements

Features

material	foam film
material thickness	1.6 mm
tolerance	0.4
version	non adhesive
colour	green
tightness	1.105 g/cm ³
hardness range	13 Shore A
thermal conductivity	0.108 W/m K (substrate)
temperature range	-62°C... +205°C
compression, 25%	18 psi
extensibility	150 %
tensile strength	120 psi
dielectric strength	4 kV/mm
class of flammability	UL 94 V-1 (at thickness ≥3.2mm)
type of delivery	<ul style="list-style-type: none"> • plates 914x914mm • cuttings on customer's requirements

Fischer Elektronik GmbH & Co. KG
DEUTSCHLAND • GERMANY • ALLEMAGNE

Nottebohmstraße 28
58511 Lüdenscheid

Telefon +49 2351 435-0
Telefax +49 2351 45754

info@fischerelektronik.de
www.fischerelektronik.de



Contact details

The Netherlands



Elektrostraat 17
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33
F: +31 (0)53 573 33 30
E: nl@texim-europe.com

Belgium



Zuiderlaan 14 bus 10
B-1731 Zellik

T: +32 (0)2 462 01 00
F: +32 (0)2 462 01 25
E: belgium@texim-europe.com

UK & Ireland



St. Mary's House, Church Lane
Carlton Le Moorland
Lincoln LN5 9HS

T: +44 (0)1522 789 555
F: +44 (0)845 299 22 26
E: uk@texim-europe.com

Nordic region



Sdr. Jagtvej 12
DK-2970 Hørsholm

T: +45 88 20 26 30
F: +45 88 20 26 39
E: nordic@texim-europe.com

Germany North



Bahnhofstrasse 92
D-25451 Quickborn

T: +49 (0)4106 627 07-0
F: +49 (0)4106 627 07-20
E: germany@texim-europe.com

Germany South



Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
F: +49 (0)89 436 086-19
E: germany@texim-europe.com

Austria



Warwitzstrasse 9
A-5020 Salzburg

T: +43 (0)662 216 026
F: +43 (0)662 216 026-66
E: austria@texim-europe.com

General information



info@texim-europe.com
www.texim-europe.com