

# DOCUMENTATION

4



Cushion base

# DOCUMENTATION

## SoftCone

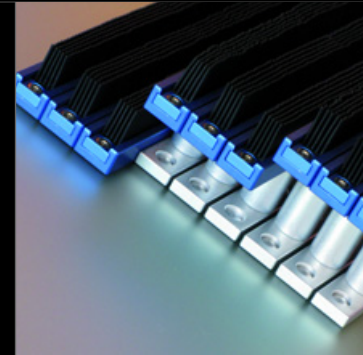
► We define performance verifiably new.  
Efficiency x durability x reliability.



Evolutionary brilliant principle –  
**revolutionary effective synthesis.**

21 mm 33.32-94

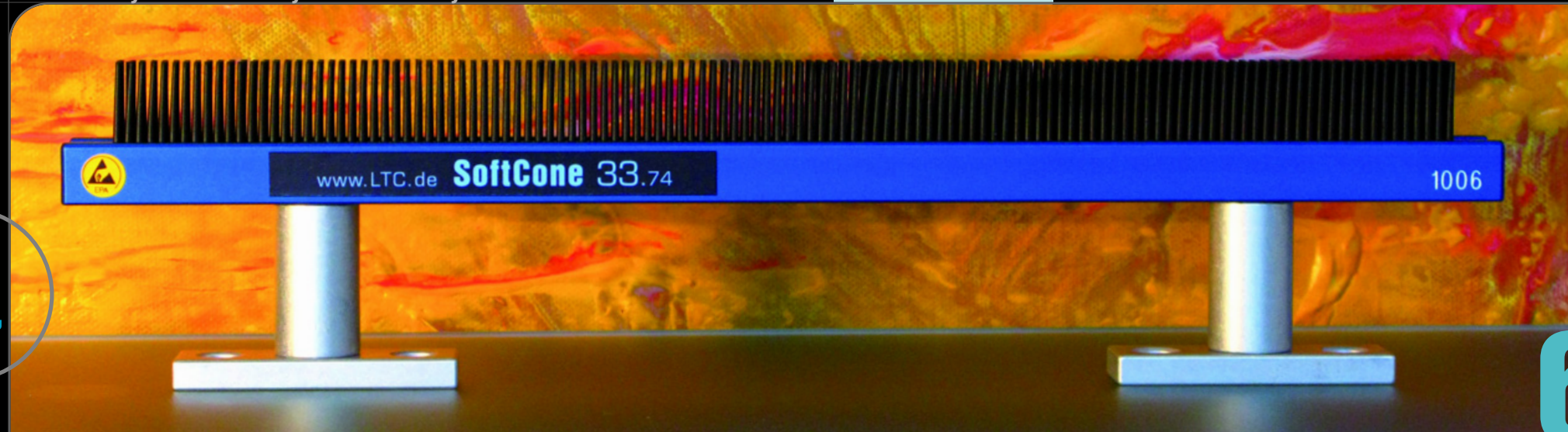
Functional: organic origin. Constructive: synthetic optimization. Both perfectly combined provide an ideal performance of the two dimensions – simple and reliable operation at highest, technical production requirements. By using specially developed polymer cones (discharging), the new **SoftCone** cushion base is at a maximum degree displacement friendly and three-dimensionally (selective and plane) area steady and self resetting. It eliminates highly effective unwelcome vibrations for all types of printed circuit boards (residue-free) and is by design, ESD compliant and magnetically fixed.



cone length

body length/height  
cm.mm

SC



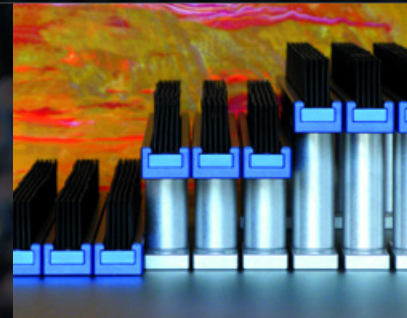
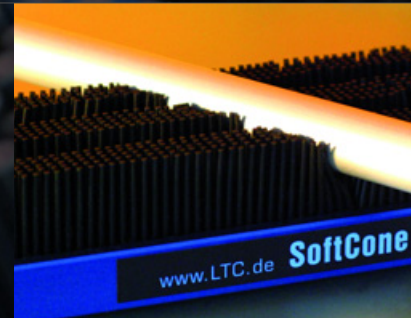
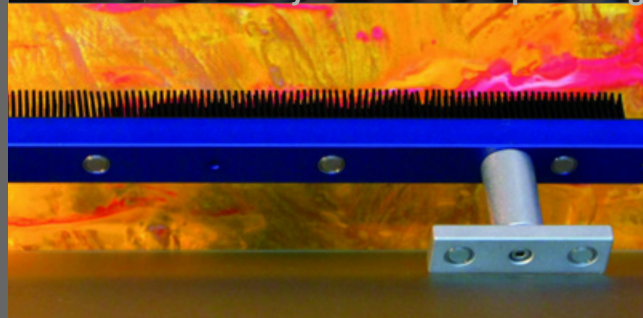
615 polymer cones



# DOCUMENTATION **SoftCone**

the gentle way to keep exact position.

> We prefer to think ahead – more than meditate. That's why we see your future quite right in front of us.



The ability for maximum performance is the legitimation to participate in the production of each "next generation". Therefore we proudly present our multi-talent with added-value guarantee: The **SoftCone** cushion base is ready for use within seconds through their safe, magnetic positioning. Place one or a group of modules at the pick and place system right into the problem area, ready. The polymer cone matrix is three dimensionally flexible and allows displacement of 8 mm component height. And it is available in all working heights – Base unit + platform made of solid aluminum. And the workmanship, LTC compliant – for eternity.



**LTC**®



➤ Mandatory swabian:  
rather clever than trendy.



The rebirth of awareness for sustainability is to be welcomed as such. Although it's an "old hat" for the swabians – what you cannot repair after hard wear, is just not clever. Therefore we offer you spare cone-elements to make your **SoftCone** bases again fit for daily use. Even then, if the new trend is no more. Promised.

## Overview product range



SMT

SMT stencils



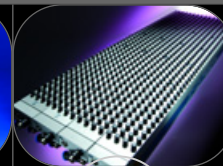
LTCC+W

LTCC and  
wafer stencils



QFP

QuattroFlex  
self tensioning  
frames



VG

VarioGrid  
system for  
assembly support



SC

SoftCone  
cushion base



FF

FiberFlex  
cushion base



AS

Archiving systems





# DOCUMENTATION ④

SC

**SoftCone** Cushion base



VG

FF

SMT

LTCC+W

QFP

AS



LTC Laserdienstleistungen GmbH & CoKG  
QUELLENWEG 18 · D-75331 ENGELSBRAND  
FON ++49(0)7082.92590 · FAX ++49(0)7082.925950  
[www.LTC.DE](http://www.LTC.DE) | [LTC-BOX@LTC.DE](mailto:LTC-BOX@LTC.DE)