

Foam Patch Option - FP

sonitron® products



The **Sonitron Foam Patch Option** offers extra mechanical and acoustical stability to the Sonitron Sound components in applications for rugged or difficult environment. The patches are made out of double coated urethane foam tape. The sound components are with the foam patch option very easy to stick and secure precise and stable mounting, especially when SMD sound components are used in applications that have to withstand high vibrations.

The shape of the foam patch is optimized according to the Sonitron sound component. The material, temperature, strength, adhesive and thickness are well chosen to give a maximum benefit. It cancels unwanted disturbances between the PCB panel and the house of the sound component which results in more acoustic sound stability.

ADVANTAGES & APPLICATIONS

ADVANTAGES :

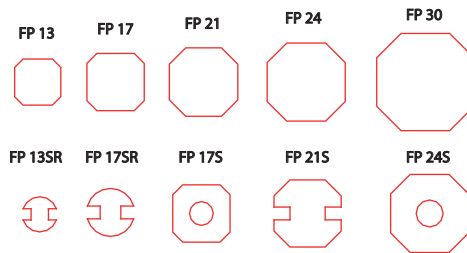
- Mechanical Stabilization
- Acoustic Stabilization
- Less distortion
- Easy mounting
- High temperature resistance
 - Short Term (minutes, hours: 193°C)
 - Long Term (Days, Weeks 104°C)
- Protects the sound component against vibrations

APPLICATIONS :

- Sonitron sound components
- SMA(T) series, SMB series, SCS series, SMAC series

AVAILABLE FOAM PATCHES

10 different foam patches cover the four Sonitron piezoelectric sound component series for PCB mounting.



To order the option, add the **FP** suffix to the model number!

- e.g. SMA-17LC-P10 FP
- e.g. SMA-21LT-P15 FP
- e.g. SMAT-30-P17.5 FP
- e.g. SCS-32-S SP02 FP

| Option | Nr. | Sonitron Products - SMA(T) - SMB - SMAC - SCS Series | | |
|--------|------|---|----------------------------|--|
| FP | 13 | SMA(T)-13 P7.5 SMA(T)-13 P10 | SMA(T)-21S | SMB-17CC P10 |
| FP | 17 | SMA(T)-17 P7.5 SMA(T)-17 P10 | SMA(T)-24S | |
| FP | 21 | SMA(T)-21 P10 SMA(T)-21 P15 SMA(T)-21 P17.5 | SMA(T)-30S | SMAC(I) - 25 P15 SMAC(I) - 25 P17.5 |
| FP | 24 | SMA(T)-24 P10 SMA(T)-24 P15 SMA(T)-24 P17.5 SMA(T)-24 P20.32 | | SMB-32CC P10 SMB-32CC S |
| FP | 30 | SMA(T)-30 P10 SMA(T)-30 P15 SMA(T)-30 P17.5 SMA(T)-30 P20.32 | | |
| FP | 13SR | SMA(T)-13 S | | |
| FP | 17SR | SMA(T)-17 S | | |
| FP | 17S | SCS-24-P10 SCS-24-S | | |
| FP | 21S | SMAC(I) - 25S | | |
| FP | 24S | SCS-32-P10 SCS-32-S | | |