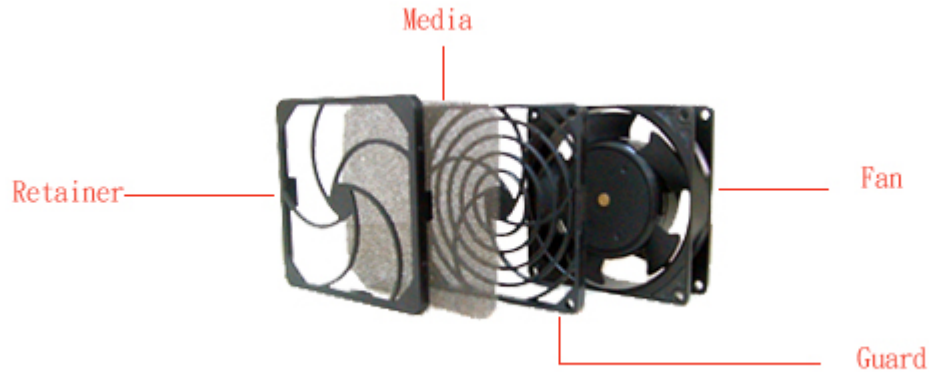# TEI FILTER KITS/ASSEMBLIES

These plastic fan filter kits are technically designed for the removal of dust and contaminating particles for 1.57" (40mm),2.36" (60mm), 3.15" (80mm), 3.62" (92mm), 4.71" (120mm), 6"(172mm, 150mm) and 10"(254mm) tube axial fans.
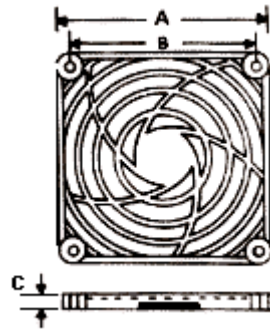
Very simple and quick installation:
Four mounting screws secure the guard to fan, then snap on the retainer and filter media with no extra hardware required. Maintenance is very simple, the guard portion and cooling fan do not need to be removed. Simply remove the retainer and replace or clean the media, while leaving in place the guard to ensure complete protection from fan blade.

Those applications that do not require air filtration, but do require a finger guard, we suggest our complete line of plastic or wire formed guards that can be designed to meet specific customer requirements, including the UL.25 inch plug gage test.
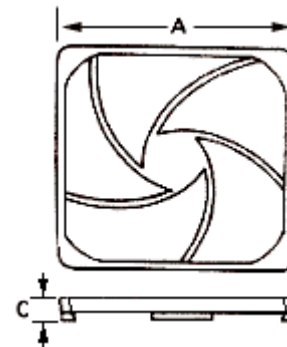
Guard

- **Plastic reinforced ABS UL approved rated UL 94V-0**
- **Meets spacing UL .25"(6.3mm) max**
- **Decreasing noise level while creating low air restriction**
-
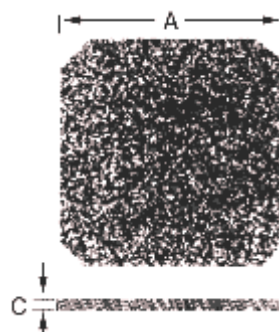- **TPG40, TPG60, TPG80, TPG92, TPG120, TPG172, TPG254P**

Retainer

- **Plastic reinforced ABS UL approved rating UL 94V-0**
- **Easy to install, no need to remove fan or guard**
- **Technically designed for low air resistance**
-
- **TPR40, TPR60, TPR80, TPR92, TPR120, TPR172, TPR254**

Media

- **PU foam media, material polyurethane foam UL approved rating UL94HF-1. Porous mesh 15, 30 45 or 60 PPI available**
- **Easy and simple to clean & change**
- **To reduce external fan noise**
- **PPI = Porous Per Inch, mesh (Holes in each square Inch)**
-
- **TM40, TM60, TM80, TM92, TM120, TM172,TM254**

For Fan Size	Part No.	Parts Description	Dimension (mm)		
			A	B	C
1.57" 40mm	TPG40 TPR40 TM40-30, 45 TFK40-30 TFK40-45	Guard Retainer Media 30 or 45 PPI Guard + Retainer + Media 30 PPI Guard + Retainer + Media 45 PPI	40.0 37.0 37.0 40.0 40.0	32 32 32	6.3 3.2 3.0 6.3 6.3
2.36" 60mm	TPG60 TPR60 TM60-30, 45 TFK60-30 TFK60-45	Guard Retainer Media 30 or 45 PPI Guard + Retainer + Media 30 PPI Guard + Retainer + Media 45 PPI	60.0 56.2 57.0 60.0 60.0	50 50 50	6.5 3.2 3.0 6.5 6.5
3.15" 80mm	TPG80 TPR80 TM80-30, 45 TFK 80-30 TFK 80-45	Guard Retainer Media 30 or 45 PPI Guard + Retainer + Media 30 PPI Guard + Retainer + Media 45 PPI	80.0 83.6 78.0 83.6 83.6	71.5 71.5 71.5	6.5 9.8 3.0 9.8 9.8
3.62" 92mm	TP92 TPR92 TM92-30, 45 TFK92-30 TFK 92-45	Guard Retainer Media 30 or 45 PPI Guard + Retainer + Media 30 PPI Guard + Retainer + Media 45 PPI	92.0 96.5 90.0 96.5 96.5	82.5 82.5 82.5	6.4 9.9 3.0 9.9 9.9
4.71" 120mm	TP120 TPR120 TM120-30, 45 TFK120-30 TFK120-45	Guard Retainer Media 30 or 45 PPI Guard + Retainer + Media 30 PPI Guard + Retainer + Media 45 PPI	117.0 123.7 115.0 123.7 123.7	104.8 104.8 104.8	7.2 10.8 3.0 10.8 10.8
6" 172mm 150mm	TP172 TPR172 TM172-15,30,45 TFK172-15 TFK172-30 TFK172-45	Guard Retainer Media 15, 30 or 45 PPI Guard + Retainer + Media 15 PPI Guard + Retainer + Media 30 PPI Guard + Retainer + Media 45 PPI	180x Dia. 153 x 8mm thick 180x Dia. 153 x 8mm thick 180x Dia. 153 x 8mm thick		
10" 254mm	TP254 push-in TPR254 Retainer TM254-15, 30, 45 TFK254-15 TFK254-30 TFK254-45	Plastic Guard Plastic Retainer Media Filter 15, 30 or 45 PPI Guard+ Retainer+ Media 15 PPI Guard+ Retainer+ Media 30 PPI Guard+ Retainer+ Media 45 PPI	Dia .254 x10mm thick Dia. 254 x10mm thick Dia. 254 x10mm thick		

TFK40	TFK60	TFK80	TFK92	TFK120	TFK172	