

## Class 1 Pleated Filters and Pads

### Pleated Air Filters



- UL Classified as to flammability only; Class 1 (R12347)
- High capacity pleated filters available in two efficiencies
- Ultra fine fiberglass media
- Priced each. **Sold in full cartons.**

**Applications:** Widely used as pre-filters for higher efficiency filters or as final filters. As pre-filters, these medium efficient filters will add substantial life to more expensive high efficiency filters. As final filters, these filters will be up to three times more efficient than conventional panel

filters. Pleated design offers greater dust holding capacity and longer life. Used in applications requiring filters to have a UL Class 1 rating.

**Construction:** Pleated filter pack is enclosed in a 24 gauge galvanized steel frame. Ultra-fine fiberglass media specifically designed for each efficiency range. Reinforced expanded metal supports media on air leaving side.

### Pleated Air Filter Specifications

| Nominal Filter Efficiency | Average Efficiency (ASHRAE 52.1-1992) | Filter Depth | Pleats per Linear Ft. | FPM | Initial Resistance (W.G.) | Recommended Final Resistance (W.G.) |
|---------------------------|---------------------------------------|--------------|-----------------------|-----|---------------------------|-------------------------------------|
| 40%                       | 20-30%                                | 2"           | 10                    | 500 | 0.26                      | 1.0                                 |
| 60%                       | 40-50%                                | 2"           | 10                    | 500 | 0.35                      | 1.0                                 |

### Pleated Air Filter Ordering Data

| Stock No. | Nominal Filter Efficiency | Nominal Size |     |     | Actual Size |         |        | Media Area Sq. Ft. | Ctn. Qty. | Price Each | Carton Price |
|-----------|---------------------------|--------------|-----|-----|-------------|---------|--------|--------------------|-----------|------------|--------------|
|           |                           | H            | X W | x D | H           | x W     | x D    |                    |           |            |              |
| FIL14372  | 60%                       | 12"          | 24" | 2"  | 11 3/8"     | 23 3/8" | 1 3/4" | 6.3                | 12        | \$12.42    | \$149.04     |
| FIL14373  | 60%                       | 16"          | 20" | 2"  | 15 1/2"     | 19 1/2" | 1 3/4" | 6.9                | 12        | \$14.85    | \$178.20     |
| FIL14374  | 60%                       | 16"          | 25" | 2"  | 15 1/2"     | 24 1/2" | 1 3/4" | 8.6                | 12        | \$16.45    | \$197.40     |
| FIL14375  | 60%                       | 20"          | 20" | 2"  | 19 1/2"     | 19 1/2" | 1 3/4" | 8.6                | 12        | \$16.22    | \$194.64     |
| FIL14376  | 60%                       | 20"          | 25" | 2"  | 19 1/2"     | 24 1/2" | 1 3/4" | 11.2               | 12        | \$21.16    | \$253.92     |
| FIL14377  | 60%                       | 24"          | 24" | 2"  | 23 3/8"     | 23 3/8" | 1 3/4" | 12.7               | 12        | \$21.85    | \$262.20     |
| FIL14379  | 40%                       | 12"          | 24" | 2"  | 11 3/8"     | 23 3/8" | 1 3/4" | 6.3                | 12        | \$11.31    | \$135.72     |
| FIL14380  | 40%                       | 16"          | 20" | 2"  | 15 1/2"     | 19 1/2" | 1 3/4" | 6.9                | 12        | \$13.47    | \$161.64     |
| FIL14381  | 40%                       | 16"          | 25" | 2"  | 15 1/2"     | 24 1/2" | 1 3/4" | 8.6                | 12        | \$14.53    | \$174.36     |
| FIL14382  | 40%                       | 20"          | 20" | 2"  | 19 1/2"     | 19 1/2" | 1 3/4" | 8.6                | 12        | \$14.25    | \$171.00     |
| FIL14383  | 40%                       | 20"          | 25" | 2"  | 19 1/2"     | 24 1/2" | 1 3/4" | 11.2               | 12        | \$18.72    | \$224.64     |
| FIL14384  | 40%                       | 24"          | 24" | 2"  | 23 3/8"     | 23 3/8" | 1 3/4" | 12.7               | 12        | \$19.04    | \$228.48     |

## Pleated Element Pads



- UL Classified as to flammability only; Class 1 (R12347)
- Ultra fine fiberglass media available in two efficiencies
- Priced each. **Sold in full cartons.**

**Applications:** Widely used as pre-filters for higher efficiency filters or as final filters. Pads are used in conjunction with a permanent metal holding frame, sold separately. Pleated filter

element pads are an economical alternative to Class 1 pleated filters. Used in applications requiring filters to have a UL Class 1 rating.

**Construction:** The pleated filter element pad is made of ultra-fine fiberglass specifically designed for each efficiency range. Reinforced expanded metal supports media on air leaving side.

### Pleated Element Pad Specifications

| Normal Filter Efficiency | Average Efficiency (ASHRAE 52.1-1992) | Pad Depth | Pleats per Linear Ft. | FPM | Initial Resistance (W.G.) | Recommended Final Resistance (W.G.) |
|--------------------------|---------------------------------------|-----------|-----------------------|-----|---------------------------|-------------------------------------|
| 40%                      | 20-30%                                | 1"        | 10                    | 500 | 0.26                      | 1.0                                 |
| 60%                      | 40-50%                                | 1"        | 10                    | 500 | 0.35                      | 1.0                                 |

### Pleated Element Pad Ordering Data

| Stock No. | Nominal Filter Efficiency | Nominal Size |     |     | Actual Size                      |                                  |     | Media Area Sq. Ft. | Ctn. Qty. | Price Each | Carton Price |
|-----------|---------------------------|--------------|-----|-----|----------------------------------|----------------------------------|-----|--------------------|-----------|------------|--------------|
|           |                           | H            | x W | X D | H                                | x W                              | x D |                    |           |            |              |
| FIL16306  | 60%                       | 12"          | 24" | 1"  | 11 <sup>3</sup> / <sub>8</sub> " | 23 <sup>3</sup> / <sub>8</sub> " | 1   | 6.3                | 50        | \$3.85     | \$192.50     |
| FIL16307  | 60%                       | 16"          | 20" | 1"  | 15 <sup>1</sup> / <sub>2</sub> " | 19 <sup>1</sup> / <sub>2</sub> " | 1   | 6.9                | 50        | \$5.98     | \$299.00     |
| FIL16308  | 60%                       | 16"          | 25" | 1"  | 15 <sup>1</sup> / <sub>2</sub> " | 24 <sup>1</sup> / <sub>2</sub> " | 1   | 8.6                | 50        | \$7.29     | \$364.50     |
| FIL16309  | 60%                       | 20"          | 20" | 1"  | 19 <sup>1</sup> / <sub>2</sub> " | 19 <sup>1</sup> / <sub>2</sub> " | 1   | 8.6                | 50        | \$7.29     | \$364.50     |
| FIL16310  | 60%                       | 20"          | 25" | 1"  | 19 <sup>1</sup> / <sub>2</sub> " | 24 <sup>1</sup> / <sub>2</sub> " | 1   | 11.2               | 50        | \$9.03     | \$451.50     |
| FIL16311  | 60%                       | 24"          | 24" | 1"  | 23 <sup>3</sup> / <sub>8</sub> " | 23 <sup>3</sup> / <sub>8</sub> " | 1   | 12.7               | 50        | \$9.94     | \$497.00     |
| FIL16312  | 40%                       | 12"          | 24" | 1"  | 11 <sup>3</sup> / <sub>8</sub> " | 23 <sup>3</sup> / <sub>8</sub> " | 1   | 6.3                | 50        | \$3.06     | \$153.00     |
| FIL16313  | 40%                       | 16"          | 20" | 1"  | 15 <sup>1</sup> / <sub>2</sub> " | 19 <sup>1</sup> / <sub>2</sub> " | 1   | 6.9                | 50        | \$4.78     | \$239.00     |
| FIL16314  | 40%                       | 16"          | 25" | 1"  | 15 <sup>1</sup> / <sub>2</sub> " | 24 <sup>1</sup> / <sub>2</sub> " | 1   | 8.6                | 50        | \$5.82     | \$291.00     |
| FIL16315  | 40%                       | 20"          | 20" | 1"  | 19 <sup>1</sup> / <sub>2</sub> " | 19 <sup>1</sup> / <sub>2</sub> " | 1   | 8.6                | 50        | \$5.82     | \$291.00     |
| FIL16316  | 40%                       | 20"          | 25" | 1"  | 19 <sup>1</sup> / <sub>2</sub> " | 24 <sup>1</sup> / <sub>2</sub> " | 1   | 11.2               | 50        | \$7.23     | \$361.50     |
| FIL16317  | 40%                       | 24"          | 24" | 1"  | 23 <sup>3</sup> / <sub>8</sub> " | 23 <sup>3</sup> / <sub>8</sub> " | 1   | 12.7               | 50        | \$8.11     | \$405.50     |