Donaldson® Torit® continually raises the bar in bag filter technology. Providing the widest range of bag filters for any baghouse collector, Donaldson Torit offers Dura-Life™ bags. Award-winning Dura-Life bag filters last two to three times longer than standard polyester bags when replacing due to excessive pressure drop, improving the performance, efficiency and bottom line of your baghouse dust collector.

Breathe easier with bag filters from the worldwide leader in dust collection. From Dura-Life high performance bags to specialty bags, no one can match Donaldson Torit’s breadth and expertise. For the best bag filters that keep any brand of baghouse dust collector operating at its peak, rely on Donaldson Torit.

**Donaldson Torit Bag Filters Offer:**

- **Dura-Life “Twice the Life” filter media**
- **Extensive selection to fit any collector**
- **A wide range of media to cover most applications**
- **Improved efficiency**
- **Greater performance**
- **Best value**

[Image of bag filters and collectors]
INNOVATION IS OUR BAG

BREAKTHROUGH TECHNOLOGY
As the global leader in filtration for over 90 years, Donaldson Torit continually engineers new baghouse dust collection technology that improves efficiency, raises performance and increases value. Dura-Life bag filters are the latest bag breakthrough, giving manufacturers a more cost-effective, high performance alternative to conventional polyester and other bag filters.

The Proven Performance of Dura-Life:

- Twice the bag life*
- Better surface loading of dust
- Improved pulse cleaning
- Lower pressure drop
- Reduced maintenance costs
- 99.9% efficiency**
- Energy savings
- Best value

DURA-LIFE FILTER MEDIA
Dura-Life bag filters are engineered with a unique hydro-entanglement process that uses water to blend the bag fibers, creating a more uniform material with smaller pore size that provides better surface loading of dust and prevents penetration deep into the media. In contrast, conventional polyester bags are manufactured with a needling process that creates larger pores where dust can embed into the fabric, inhibiting cleaning and reducing bag life. With better surface loading, Dura-Life bags provide improved pulse cleaning and a lower pressure drop, which results in extended bag life, less maintenance time and cost, energy savings and greater filtration efficiency.

These photos were taken with a scanning electron microscope of bag media used in a collector that was filtering fly ash. The bags were removed after 2,700 hours of use. Air-to-media ratio was 4.5 to 1. Pressure drop after 2700 hours of operation was 6 in. on polyester bags and 2 in. on Dura-Life.

* Based on pressure drop
** By mass
### BAG FILTER OPTIONS

<table>
<thead>
<tr>
<th>Dura-Life Polyester</th>
<th>Dura-Life Epitropic</th>
<th>Dura-Life Oleophobic</th>
<th>Dura-Life Epitropic Oleophobic</th>
<th>Aramid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Weight (oz.)</strong></td>
<td>10.5</td>
<td>10.0</td>
<td>10.0</td>
<td>10.0</td>
</tr>
<tr>
<td><strong>Thickness (inches)</strong></td>
<td>0.058-0.068</td>
<td>0.058-0.068</td>
<td>0.058-0.068</td>
<td>0.080-0.100</td>
</tr>
<tr>
<td><strong>Air permeability</strong></td>
<td>35-40 cfm @ 0.5 &quot;wg</td>
<td>43-51 cfm @ 0.5 &quot;wg</td>
<td>35-40 cfm @ 0.5 &quot;wg</td>
<td>35-45 cfm @ 0.5 &quot;wg</td>
</tr>
<tr>
<td><strong>Maximum operating temperature</strong></td>
<td>275°F (135°C)</td>
<td>275°F (135°C)</td>
<td>275°F (135°C)</td>
<td>275°F (135°C)</td>
</tr>
<tr>
<td><strong>Maximum surge temperature</strong></td>
<td>300°F (149°C)</td>
<td>300°F (149°C)</td>
<td>300°F (149°C)</td>
<td>300°F (149°C)</td>
</tr>
<tr>
<td><strong>Abrasion resistance</strong></td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
</tr>
<tr>
<td><strong>Alkales resistance</strong></td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
</tr>
<tr>
<td><strong>Chemical resistance</strong></td>
<td>Fair</td>
<td>Fair</td>
<td>Fair</td>
<td>Fair</td>
</tr>
<tr>
<td><strong>Electrical resistance (ASTM IST 40.1)</strong></td>
<td>NA</td>
<td>&lt;1x10⁸ ohms</td>
<td>NA</td>
<td>&lt;1x10⁸ ohms</td>
</tr>
<tr>
<td><strong>Subject to Hydrolysis</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Oleophobicity drop test rating</strong></td>
<td>NA</td>
<td>NA</td>
<td>5.5 minimum</td>
<td>5.5 minimum</td>
</tr>
<tr>
<td><strong>Available for Donaldson Torit baghouse collectors</strong></td>
<td>DLMC, DLMV, DU, DY, FS, FT, HPB, HP, IRD, LP, MB, PJ, PJD, RF, RJ, RSD, TJ</td>
<td>DLMC, DLMV, DU, DY, FS, FT, HPB, HP, LP, MB, PJ, PJD, RF, RJ, RSD, TJ</td>
<td>DLMC, DLMV, DU, DY, FS, FT, HPB, HP, LP, MB, PJ, PJD, RF, RJ, RSD, TJ</td>
<td>DLMC, DLMV, DU, DY, FS, FT, HPB, HP, LP, MB, PJ, PJD, RF, RJ, RSD, TJ</td>
</tr>
</tbody>
</table>

Donaldson Torit bag filters are available for all other brands of baghouse collectors (see listing on page 5).

### COLOR CHART

<table>
<thead>
<tr>
<th>Dura-Life Media</th>
<th>Specialized Media</th>
<th>Standard Media</th>
</tr>
</thead>
</table>

2
## Bag Filter Options

<table>
<thead>
<tr>
<th>Baghouse Acronym</th>
<th>Baghouse Name</th>
<th>Baghouse Acronym</th>
<th>Baghouse Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>DLMC</td>
<td>Dalamatic Cased</td>
<td>MB, MB, MBT, MBW</td>
<td>Modular Baghouse</td>
</tr>
<tr>
<td>DLMV</td>
<td>Dalamatic Insertable</td>
<td>MTJ</td>
<td></td>
</tr>
<tr>
<td>DU</td>
<td>Dalamatic Unit</td>
<td>PJ</td>
<td></td>
</tr>
<tr>
<td>DY</td>
<td>DYNAMIC</td>
<td>PJD</td>
<td></td>
</tr>
<tr>
<td>FS</td>
<td></td>
<td>RF</td>
<td></td>
</tr>
<tr>
<td>FT</td>
<td></td>
<td>RJ</td>
<td></td>
</tr>
<tr>
<td>HPB</td>
<td></td>
<td>RSD</td>
<td></td>
</tr>
<tr>
<td>HP</td>
<td></td>
<td>TJ</td>
<td></td>
</tr>
<tr>
<td>IRD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LP</td>
<td></td>
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</table>

### Baghouse Options

<table>
<thead>
<tr>
<th>Weight (oz.)</th>
<th>Thickness (inches)</th>
<th>Air Permeability @ 0.5” wg</th>
<th>Maximum Operating Temperature</th>
<th>Maximum Surge Temperature</th>
<th>Abrasion Resistance</th>
<th>Alkalies Resistance</th>
<th>Chemical Resistance</th>
<th>Electrical Resistance</th>
<th>Subject to Hydrolysis</th>
<th>Oleophobicity Drop Test Rating</th>
<th>Available for Baghouse Collectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.5</td>
<td>0.058-0.068</td>
<td>35-40</td>
<td>275°F (135°C)</td>
<td>300°F (149°C)</td>
<td>Good</td>
<td>Good</td>
<td>Fair</td>
<td>NA</td>
<td>Yes</td>
<td>NA</td>
<td>Donaldson Torit DLMC, DLMV, DU, FS, FT, HP, LP, MB, MTJ, PJ, PJD, RF, RJ, RSD, TJ</td>
</tr>
<tr>
<td>10.0</td>
<td>0.058-0.068</td>
<td>43-51</td>
<td>275°F (135°C)</td>
<td>300°F (149°C)</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>NA</td>
<td>Yes</td>
<td>NA</td>
<td>Donaldson Torit DLMC, DLMV, DU, FS, FT, HP, LP, MB, MTJ, PJ, PJD, RF, RJ, RSD, TJ</td>
</tr>
<tr>
<td>10.0</td>
<td>0.058-0.068</td>
<td>35-40</td>
<td>275°F (135°C)</td>
<td>300°F (149°C)</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>NA</td>
<td>No</td>
<td>NA</td>
<td>Donaldson Torit DLMC, DLMV, DU, FS, FT, HP, LP, MB, MTJ, PJ, PJD, RF, RJ, RSD, TJ</td>
</tr>
<tr>
<td>14.0</td>
<td>0.080-0.100</td>
<td>43-51</td>
<td>400°F (204°C)</td>
<td>500°F (260°C)</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
<td>NA</td>
<td>No</td>
<td>NA</td>
<td>Donaldson Torit DLMC, DLMV, DU, FS, FT, HP, LP, MB, MTJ, PJ, PJD, RF, RJ, RSD, TJ</td>
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<tr>
<td>16</td>
<td>0.060-0.080</td>
<td>10-12</td>
<td>275°F (135°C)</td>
<td>275°F (135°C)</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>NA</td>
<td>Yes</td>
<td>NA</td>
<td>Donaldson Torit DLMC, DLMV, DU, FS, FT, HP, LP, MB, MTJ, PJ, PJD, RF, RJ, RSD, TJ</td>
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<tr>
<td>16</td>
<td>0.090-0.110</td>
<td>20-40</td>
<td>275°F (135°C)</td>
<td>275°F (135°C)</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>NA</td>
<td>Yes</td>
<td>NA</td>
<td>Donaldson Torit DLMC, DLMV, DU, FS, FT, HP, LP, MB, MTJ, PJ, PJD, RF, RJ, RSD, TJ</td>
</tr>
<tr>
<td>16</td>
<td>0.085-0.100</td>
<td>25-45</td>
<td>275°F (135°C)</td>
<td>275°F (135°C)</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
<td>NA</td>
<td>No</td>
<td>NA</td>
<td>Donaldson Torit DLMC, DLMV, DU, FS, FT, HP, LP, MB, MTJ, PJ, PJD, RF, RJ, RSD, TJ</td>
</tr>
<tr>
<td>16</td>
<td>0.060-0.080</td>
<td>25-35</td>
<td>275°F (135°C)</td>
<td>275°F (135°C)</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>NA</td>
<td>No</td>
<td>NA</td>
<td>Donaldson Torit DLMC, DLMV, DU, FS, FT, HP, LP, MB, MTJ, PJ, PJD, RF, RJ, RSD, TJ</td>
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<tr>
<td>16</td>
<td>0.080-0.080</td>
<td>25-35</td>
<td>275°F (135°C)</td>
<td>275°F (135°C)</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>NA</td>
<td>No</td>
<td>NA</td>
<td>Donaldson Torit DLMC, DLMV, DU, FS, FT, HP, LP, MB, MTJ, PJ, PJD, RF, RJ, RSD, TJ</td>
</tr>
<tr>
<td>16</td>
<td>0.060-0.080</td>
<td>25-35</td>
<td>275°F (135°C)</td>
<td>275°F (135°C)</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>NA</td>
<td>No</td>
<td>NA</td>
<td>Donaldson Torit DLMC, DLMV, DU, FS, FT, HP, LP, MB, MTJ, PJ, PJD, RF, RJ, RSD, TJ</td>
</tr>
<tr>
<td>16</td>
<td>0.085-0.100</td>
<td>25-35</td>
<td>275°F (135°C)</td>
<td>275°F (135°C)</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>NA</td>
<td>No</td>
<td>NA</td>
<td>Donaldson Torit DLMC, DLMV, DU, FS, FT, HP, LP, MB, MTJ, PJ, PJD, RF, RJ, RSD, TJ</td>
</tr>
</tbody>
</table>
DURA-LIFE DELIVERS MORE BAG FOR THE BUCK

Don’t be fooled by the initial lower purchase price of competitive replacement bag filters. Dura-Life bags last longer than conventional polyester, reducing bag changeouts, replacement bag costs, downtime and maintenance time and expense.

Unique Dura-Life technology traps dust on the surface of the bag, allowing dust to be easily pulsed off during cleaning, which results in lower pressure drop and annual energy savings. Standard in all Donaldson Torit baghouses and available as replacement bags for all other brands of baghouses, Dura-Life delivers the best value to your bottom line.

COMPETITIVE REPLACEMENT MEDIA SELECTION FOR PULSED BAGS

- Is the application over 275°F?
  - Yes
  - P84 460°F max
  - PTFE Woven 450°F max
  - Fiberglass (not for pulse collectors) 500°F max
  - Dura-Life Epitropic 275°F max

- No
  - Is dust combustible?
    - Yes
    - Is it a Dryer?
      - Yes
      - Polypropylene 200°F max
        - PTFE on felt 275°F max
      - No
      - Polypropylene 200°F max
    - No
    - Highly acidic or alkali?
      - Yes
      - Ryton 375°F max
      - P84 460°F max
      - Ryton 375°F max
    - No
      - Highly acidic or alkali?
        - Yes
        - Polypropylene 200°F max
        - Ryton 375°F max
        - P84 460°F max
        - Ryton 375°F max
        - Dura-Life Oleophobic 275°F max
        - Dura-Life Polyester 275°F max
      - No
      - High moisture? (Is it a Dryer?)
        - Yes
        - Polypropylene 200°F max
        - PTFE on felt 275°F max
        - Ryton 375°F max
        - P84 460°F max
        - Ryton 375°F max
        - Dura-Life Oleophobic 275°F max
        - Dura-Life Polyester 275°F max
      - No
      - Highly acidic or alkali?
        - Yes
        - Polypropylene 200°F max
        - PTFE on felt 275°F max
        - Ryton 375°F max
        - P84 460°F max
        - Ryton 375°F max
        - Dura-Life Oleophobic 275°F max
        - Dura-Life Polyester 275°F max
      - No
      - Is dust combustible?
        - Yes
        - Polypropylene 200°F max
        - PTFE on felt 275°F max
        - Ryton 375°F max
        - P84 460°F max
        - Ryton 375°F max
        - Dura-Life Oleophobic 275°F max
        - Dura-Life Polyester 275°F max
      - No
      - High moisture? (Is it a Dryer?)
        - Yes
        - Polypropylene 200°F max
        - PTFE on felt 275°F max
        - Ryton 375°F max
        - P84 460°F max
        - Ryton 375°F max
        - Dura-Life Oleophobic 275°F max
        - Dura-Life Polyester 275°F max
      - No
      - Highly acidic or alkali?
        - Yes
        - Polypropylene 200°F max
        - PTFE on felt 275°F max
        - Ryton 375°F max
        - P84 460°F max
        - Ryton 375°F max
        - Dura-Life Oleophobic 275°F max
        - Dura-Life Polyester 275°F max
      - No

Items in bold denote the most logical choice. Dura-Life is intended as a replacement for glazed (aka mirror or eggshell) and singed polyester.
HERE TO SERVE YOU

Providing technically advanced bag filters with the longest filtration life is just one of Donaldson Torit’s distinctions. When it comes to customer support, no other filter bag manufacturer can match Donaldson Torit’s technical expertise and commitment. Rely on Donaldson Torit to help you choose the best filters for your applications.

- **Filter Selection**
  With the most extensive variety to choose from, Donaldson Torit offers the broadest selection of bag filters designed to meet the performance demands of specific applications.

- **Knowledgeable Support**
  Donaldson Torit aftermarket sales representatives help customers select the best bag filters for their application needs.

- **Quick Delivery**
  All in-stock Donaldson Torit made filters are shipped within 24 hours of order placement.

- **Dura-Life Availability**
  Dura-Life bags are now standard in all Donaldson Torit baghouse collectors. Dura-Life replacement bags are available for our baghouse collectors as well as other brands of collectors.

- **Easy Access**
  For all types of bag filters, call Donaldson Torit customer service at 800-365-1331.

**DURA-LIFE™**
for baghouse collectors

- AZO®
- Buhler
- Carter Day
- DCE
- Flex-Kleen
- Golfetto
- Kice
- MAC
- Mikropul
- Murphy
- Pneumafil
- Steelcraft®
- Wheelabrator
- + Many others

**Call 800-365-1331 for live support**
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- 40 manufacturing plants and 14 distribution centers
- Sales offices worldwide

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- Broad range of innovative collectors and filters
- 100s of filter media formulations

EXPERIENCE & SERVICE

- Technical expertise and support
- Ready-to-ship filters and parts within 24 hours
- 1,000,000+ dust, fume, and mist collectors installed

Call Donaldson Torit to get Cleaner Air today
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