

## **DURA-LIFE™ – A BREAKTHROUGH FOR BAG USERS.**

Polyester bag media has historically been produced with a needling process that creates large pores where dust can embed into the fabric, inhibiting cleaning and reducing bag life. Dura-Life™ bag media is engineered with a unique hydroentanglement process that uses water to blend the fibers, resulting in:

- More uniform material with smaller pore size
- Better surface loading of dust that prevents penetration deep into the media
- Improved pulse cleaning and lower operating pressure drop
- Bags with longer life and greater value

### **GET CLEANER AIR**

- Proprietary Dura-Life™ polyester filter media engineered with a unique hydroentanglement process provides the best combination of filtration efficiency, airflow, and durability

### **PREMIUM PERFORMANCE**

- Dissipates static charge build up
- Oleophobic treatment allows for superior dust cake release with wet, oily, or sticky dust applications
- Heat-seam construction results in a seam with increased dependability and efficiency
- Available in a wide variety of top and bottom configurations and lengths
- Options include abrasion cuffs and expansion rings



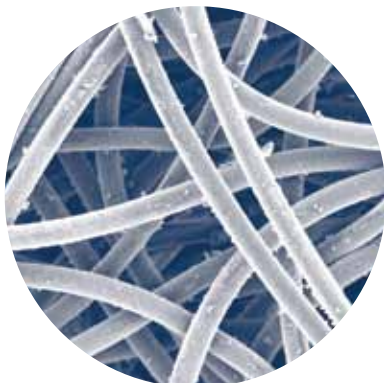
### **LONGER FILTER LIFE**

- Two to three times longer bag life than conventional polyester when changing bags due to pressure drop
- Better surface loading of dust to prevent penetration deep into media

### **APPLICATIONS**

- For applications where a static electrical discharge is a hazard, or where charged dust particles will not release from a non-conductive filter media
- Provides excellent dust cake release for wet, oily or sticky dust applications

Available as replacement for many popular brands of baghouse collectors.



**Dura-Life™ Bag–Clean Air Side (300x)**



**Polyester Bag–Clean Air Side (300x)**

## MEDIA SPECIFICATIONS

|  |   |
|--|---|
| Bag Technology                         | Proprietary hydroentangled polyester felt                           |
| Substrate                              | Dura-Life™ polyester with epitropic fibers and oleophobic treatment |
| Fabric Weight                          | 10.5 oz/yd <sup>2</sup> (355.9 g/m <sup>2</sup> )                   |
| Thickness                              | 0.058-0.068 inches (1.5-1.7 mm)                                     |
| Air Permeability (cfm @ 0.5 "wg)       | 43-51   |
| Electrical Resistivity (ASTM IST 40.1) | <1 x 10 <sup>9</sup> ohms/square                                    |

### MEDIA COMPATIBILITY DATA

|                               |              |
|-------------------------------|--------------|
| Maximum Operating Temperature | 275°F, 135°C |
| Maximum Surge Temperature     | 300°F, 149°C |
| Abrasion Resistance           | Good         |
| Alkali Resistance             | Fair         |
| Chemical Resistance***        | Fair         |
| Subject to Hydrolysis**       | Yes          |

## CONFIGURATIONS

| Collector Models                   | Filtration Area |                | Length* |      | Flat Width |       |
|------------------------------------|-----------------|----------------|---------|------|------------|-------|
|                                    | ft <sup>2</sup> | m <sup>2</sup> | in      | mm   | in         | mm    |
| Dalomatic® Cased: x/x/10           | 10.8            | 1.0            | 40      | 1016 | 19.5       | 495.3 |
| Dalomatic Cased: x/x/15            | 16.1            | 1.5            | 59      | 1499 | 19.5       | 495.3 |
| Dalomatic Insertable: 4/7 - 21/7   | 7.5             | 0.7            | 28      | 711  | 19.5       | 495.3 |
| Dalomatic Insertable: 5/12 - 50/12 | 13.5            | 1.25           | 49      | 1225 | 19.5       | 495.3 |
| Dalomatic Insertable: 6/10 - 30/10 | 10.8            | 1.0            | 40      | 1016 | 19.5       | 495.3 |
| Dalomatic Insertable: 9/15 - 60/15 | 16.1            | 1.5            | 59      | 1499 | 19.5       | 495.3 |
| Dalomatic Unit: DU 7, 14           | 7.5             | 0.7            | 28      | 711  | 19.5       | 495.3 |
| Dalomatic Unit: DU 10, 20          | 10.8            | 1.0            | 40      | 1016 | 19.5       | 495.3 |
| Dalomatic Unit: DU 30-D225         | 16.1            | 1.5            | 59      | 1499 | 19.5       | 495.3 |
| MB Baghouse – MBT, MBW             | 12.8            | 1.2            | 96      | 2438 | 9.64       | 244.9 |
|                                    | 16.0            | 1.5            | 120     | 3048 | 9.64       | 244.9 |
| RF Baghouse                        | 10.1            | 1.0            | 99      | 2515 | 7.26       | 184.4 |
|                                    | 12.7            | 1.2            | 123     | 3124 | 7.26       | 184.4 |
|                                    | 15.2            | 1.4            | 147     | 3734 | 7.26       | 184.4 |

## BAG CLEANING AND DISPOSAL

For environmental compliance, it is highly recommended to consult federal, state and local environmental protection guidelines to determine the impact of washing or disposing of dirty bags. Many industry dusts are hazardous to our environment and are regulated by air quality standards and by national and local water standards during disposal.

\* Rounded to the nearest inch (mm)

\*\* Environmental conditions involving combinations of high temperature, corrosive material and moisture can reduce media strength. Reduction in media strength may compromise bag integrity and performance.

\*\*\* A combination of chemicals may alter fiber resistance to the specified performance level. Chemical attack may compromise bag integrity and performance.

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts. **Call Donaldson Torit today 800-365-1331.**



**Donaldson**  
FILTRATION SOLUTIONS

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**EXACTLY WHAT YOU NEED.™**

**Dura-Life Epitropic Oleophobic Bag Filters (11/12)**  
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