**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

**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

**PREMIUM PERFORMANCE**

- 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 ground wires, abrasion cuffs and expansion rings

**APPLICATIONS**

- General purpose applications including those requiring improved dust cake release

Available as replacement for many popular brands of baghouse collectors.

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 2,700 hours of operation was 6 inches (152.4 mm) on polyester bags and 2 inches (50.8 mm) on Dura-Life.
MEDIA SPECIFICATIONS

Bag Technology: Proprietary hydroentangled polyester felt
Substrate: Dura-Life polyester
Fabric Weight: 10.5 oz/yd² (339.0-355.9 g/m²)
Thickness: 0.058-0.068 inches (1.5-1.7 mm)
Air Permeability (cfm @ 0.5"wg): 35-40

CONFIGURATIONS

Collector Models | Filtration Area | Outer Diameter | Length* | Flat Width |
--- | --- | --- | --- | --- |
Dalamatic® Cased – x/x/10 | 10.8 | 7.5 | 16.25 x 4.12 | 412.8 x 104.6 |
Dalamatic Cased – x/x/15 | 16.1 | 16.1 | 16.25 x 4.12 | 412.8 x 104.6 |
Dalamatic Insertable – 4/7 - 21/7 | 7.5 | 13.5 | 16.25 x 4.12 | 412.8 x 104.6 |
Dalamatic Insertable – 5/12 - 50/12 | 13.5 | 10.8 | 16.25 x 4.12 | 412.8 x 104.6 |
Dalamatic Insertable – 6/10 - 30/10 | 10.8 | 16.1 | 16.25 x 4.12 | 412.8 x 104.6 |
Dalamatic Insertable – 9/15 - 60/15 | 16.1 | 7.5 | 16.25 x 4.12 | 412.8 x 104.6 |
Dalamatic Unit – DU 7, 14 | 10.8 | 16.1 | 16.25 x 4.12 | 412.8 x 104.6 |
Dalamatic Unit – DU 10, 20 | 10.8 | 16.1 | 16.25 x 4.12 | 412.8 x 104.6 |
Dalamatic Unit – DU 30-D225 | 16.1 | 59 | 16.25 x 4.12 | 412.8 x 104.6 |
HP Baghouse – HPH, HPT, HPW | 10.2 | 9.4 | 3 x 6.6 | 76.2 x 167.64 |
HPB Baghouse | 7.1 | 9.4 | 3 x 6.6 | 76.2 x 167.64 |
MB Baghouse – MBT, MBW | 8.0 | 6.0 | 4 x 8.5 | 122.19 |
| 9.6 | 7.2 | 4 x 8.5 | 122.19 |
| 16.0 | 12.8 | 4.1 | 5 x 8.5 | 122.19 |
| 19.2 | 16.0 | 1.8 | 6 x 8.5 | 122.19 |
PJ & PJD Baghouse – PJ, PJD | 7.6 | 7.6 | 1.8 | 4 x 8.5 |
| 10.1 | 10.1 | 2.4 | 4 x 8.5 |
| 12.7 | 12.7 | 4.8 | 4 x 8.5 |
| 15.2 | 15.2 | 7.2 | 4 x 8.5 |
RF Baghouse | 7.6 | 10.1 | 3 x 6.6 | 76.2 x 167.64 |
| 12.7 | 12.7 | 3 x 6.6 | 76.2 x 167.64 |
| 15.2 | 15.2 | 3 x 6.6 | 76.2 x 167.64 |
| 7.2 | 10.3 | 16.25 x 4.12 | 412.8 x 104.6 |
| 12.8 | 12.8 | 16.25 x 4.12 | 412.8 x 104.6 |
| 15.8 | 15.8 | 16.25 x 4.12 | 412.8 x 104.6 |
| 18.7 | 18.7 | 16.25 x 4.12 | 412.8 x 104.6 |
| 21.6 | 21.6 | 16.25 x 4.12 | 412.8 x 104.6 |
| 24.4 | 24.4 | 16.25 x 4.12 | 412.8 x 104.6 |
| 30.2 | 30.2 | 16.25 x 4.12 | 412.8 x 104.6 |
| 35.9 | 35.9 | 16.25 x 4.12 | 412.8 x 104.6 |

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

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.

Important Notice
Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user’s knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user’s application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.

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