Fact Sheet

BHA® iPLAS® Pleat Alignment System

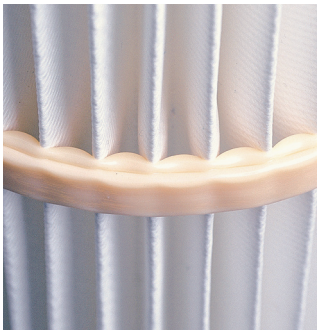
BHA iPLAS is a new and enhanced pleat alignment and retention system available for BHA PulsePleat® filter elements. This unique system replaces conventional strapping and banding. BHA iPLAS utilizes a thermoplastic polymer to create a rigid integrated band that provides excellent strength and durability while retaining needed flexibility. BHA iPLAS also provides excellent resistance to chemical attack, hydrolysis and abrasion.

Features

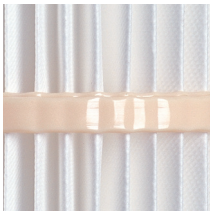
- Molded-in-place design anchors pleat tips firmly, ensuring evenly spaced and straight pleat alignment
- Thermoplastic polymer material with excellent resistance to chemical attack, hydrolysis and abrasion
- No metal components; eliminates isolated conductive parts
- Proven durability for continuous operating temperatures up to 265º F (130º C)
- Compliant with requirements outlined in the U.S. FDA (Food and Drug Administration) 21 CFR 177.15020 regulation that governs components intended for use in contact with food

Benefits

- Improved cleaning and dust discharge from pleats
- Minimizes potential failure due to overflexing and pleat reversal
- Eliminates the need for mechanical fastening systems (rivets)
- More durable than fabric strapping; survived torture tests of over 500,000 flex cycles (pulse cycles)
- No cross-contamination from hot melt or loose micro fibers. Suitable for chemical, pharmaceutical and food industries
- Available only on BHA PulsePleat filter elements



Pleats are retained firmly in place against the inner core with BHA iPLAS pleat alignment system.



BHA iPLAS pleat alignment system provides superior strength and durability.

Bottom Load
BHA PulsePleat

Top Load
BHA PulsePleat

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Parker Hannifin Corporation
Industrial Gas Filtration and Generation Division
11501 Outlook Street, Suite 100
Overland Park, KS 66211 USA
p: 800.821.2222 | f: 816.353.1873
e: filtration@parker.com
www.BHA.com

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