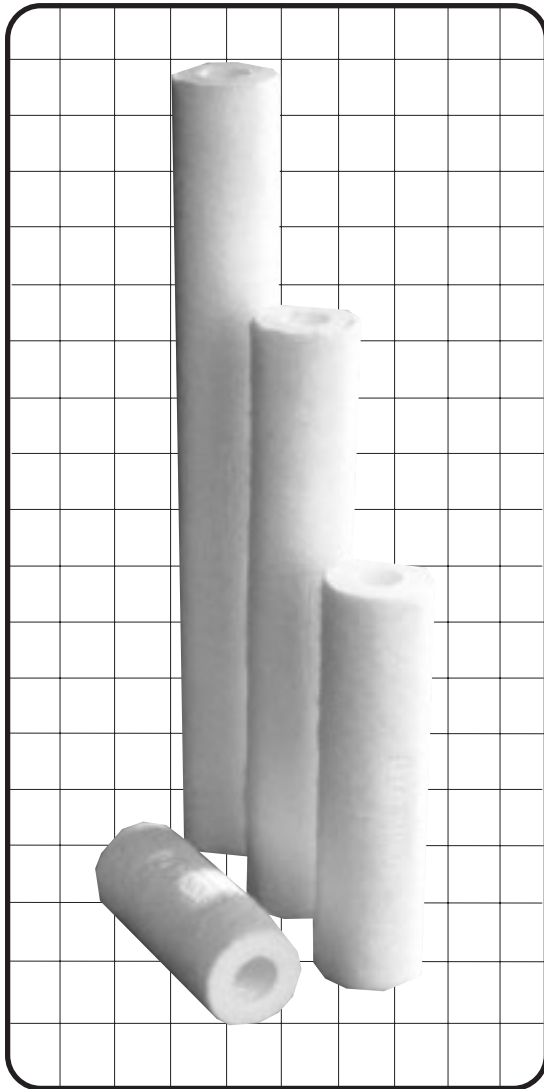




# FLO KING HIGH-FLOW POLY-SPUN FILTER CARTRIDGES

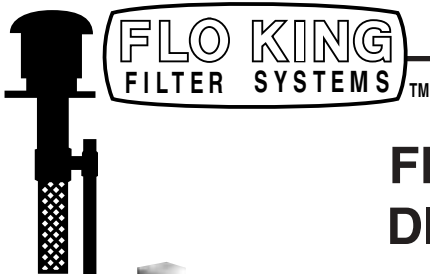


## OUR LONG-LASTING, NON-LEACHING, HIGHEST-QUALITY DISPOSABLE CARTRIDGE

- IDEAL FOR REMOVAL OF FINE TO MODERATE-SIZE PARTICLES
- NO RESINS, BINDERS, LUBRICANTS OR ANTI-STATIC AGENTS TO LEACH OUT
- DEVELOPED FOR RIGOROUS NEEDS OF THE METAL FINISHING, PRINTED CIRCUIT, AND ALLIED INDUSTRIES
- COMPATIBLE WITH WIDE RANGE OF PROCESS BATHS, ACIDS, BASES, PRE- AND POST-TREATMENT FORMULATIONS
- WITHSTANDS TEMPERATURES UP TO 200° F (93° C)

The HIGH-FLOW POLY-SPUN is made from continuous-spun, thermally bonded polypropylene fibers and is our most popular disposable filter cartridge. It was designed expressly for the demanding filtration requirements of electroplating, electroless plating, printed circuit, anodizing, and allied metal-finishing operations. Used with powerful vacuum-side filtration, each FK20 or FK50 Poly-Spun cartridge has the capability to maintain 1- to 5-micron solution cleanliness while providing outstanding dirt-holding capacity and preserving the high flow rate and resulting agitation of the **Flo King** system. For maximum versatility, the Poly-Spun is available in eight lengths.

*Pioneers of In-Tank Filtration* ★ [www.floking.com](http://www.floking.com)



## FLO KING HIGH-FLOW POLY-SPUN DISPOSABLE FILTER CARTRIDGES

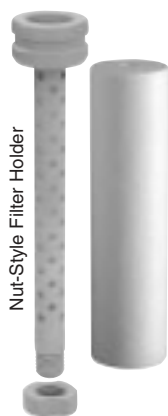
The POLY-SPUN FILTER CARTRIDGE is a high-quality, long-lasting disposable especially recommended for removal of fine to moderate-size particulates.



Poly-Spun filters are comprised of hundreds of layers of bonded polypropylene fibers. Because the fibers in each layer differ in size and orientation, the Poly-Spun is like a multi-porosity chamber—trapping a wide range of particle sizes. Large particles are typically captured on the outer portion of the filter while smaller particles are trapped deep in the interior, where the fibers are more densely packed. For example, our extremely popular FK50 and FK20 Poly-Spun cartridges can remove very small particles—down to 5 or even 1 micron—while preserving the high flow rate and agitation of the **Flo King** filter system and preventing premature filter blinding and clogging. *Many Poly-Spun users are able to reduce their inventory because they find there is no need to stock filter cartridges with multiple micron ratings.* Here are some important characteristics of the Poly-Spun:

- Standard 2-1/2" (6.35 cm) diameter with 1"-diameter (2.5-cm) hole. Mounts directly to **Flo King** pump or can be used in filter chambers.
- Available in lengths of 4, 6, 10, 15, 20, 30, 40 and 50" (10, 15, 25, 38, 50, 75, 100, and 125 cm).
- No resins, binders or anti-static agents. No pre-wash required.
- Compatible with most metal-finishing solutions—acid and alkaline—up to 200° F (93° C). *Note: Polypropylene cartridges are not suitable for hard chromium plating baths.*
- Coreless feature allows incineration to trace of ash in accordance with applicable laws.

### AND, THERE'S ALSO THE "JUMBO POLY-SPUN" *Holds Over 2-1/2 Times More Solids Than a Standard Cartridge!*



Yes, in addition to our standard 2-1/2"-diameter Poly-Spun cartridges, **Flo King** offers a 4-1/2"-diameter JUMBO POLY-SPUN to provide fine filtration and to extend the time between filter changes. This novel cartridge:

- Is available in lengths of 10" and 20" (25 and 50 cm).
- Mounts to your **Flo King** pump using the Nut-Style Filter Holder\* (shown at left).

Or, to use two of these cartridges at once, try the Extended Double Cartridge Holder shown in Bulletin 18.

- Offers True Graded Density! The Jumbo Poly-Spun features *dual graded-density* filtration. Each cartridge is comprised of two distinct layers, with the following micron combinations:

- ✓ **JFK7525:** This cartridge has a 75-micron outer layer and 25-micron inner layer.
- ✓ **JFK5005:** This cartridge has a 50-micron outer layer and 5-micron inner layer.
- ✓ **JFK2501:** This cartridge has a 25-micron outer layer and 1-micron inner layer.

The outer layer removes large particles that would ordinarily blind the inner layer. Overall particle penetration inside the filter is increased over 200% compared with standard cartridges. The result is very high particulate retention and exceptional solids-holding capacity.

\* Nut-Style Filter Holder (see page PL26.21) can also be used with standard 2-1/2"-diameter cartridges but is not required.