

TECHNICAL DATA SHEET

Filter Bag — Construction & Supply

Pulse-jet and reverse-air dust collector bags, made to drawing

SCOPE

This sheet describes how our filter bags are built and what can be specified on an order. The filtration properties of the medium itself are given on the corresponding media data sheet (TKF-TDS-01 to TKF-TDS-16). Every bag is made to the customer's drawing or tube-sheet dimensions.

CONSTRUCTION OPTIONS

ITEM	OPTIONS
Filter media	Any medium in our range — polyester, polypropylene, acrylic, PPS, meta-aramid, P84 polyimide, PTFE, woven fiberglass, with or without ePTFE membrane. See the individual media data sheet for properties.
Surface treatment	Singeing · calendaring · heat setting · PTFE solution impregnation · ePTFE membrane lamination · water & oil repellent · anti-static (conductive fibre in the base).
Top construction	Snap ring (spring band sewn into the cuff) · sewn cuff / collar · clamp band · draw cord. Snap-ring material to the customer's drawing: carbon spring steel (SK5 type) or stainless steel (SUS/STS 301, 304). Supplied with filter band, rivets and cap as the drawing requires.
Bottom construction	Sewn flat disc bottom · double-layer reinforced bottom · disc with wear protection. Optional reinforced lower section (e.g. 100 mm) against cage and dust-hopper abrasion.
Sewing	2, 3 or 4 line sewing to the drawing. Sewing thread matched to the medium (PTFE thread for high-temperature and chemically aggressive duty).
Accessories supplied with the bags	Cages (galvanized, epoxy-coated, stainless or organic silicon), venturis, snap rings, clamp bands. Please state whether the enquiry is for bags only or a complete set.
Size range	Made to the customer's drawing. Bags from Ø 100 mm to Ø 200 mm diameter and up to 8,000 mm length are standard production; larger on request.
Dimensional tolerance	[to be completed by production]
Marking	Each bag marked with the customer's item code on request. Cartons labelled with item code, size, medium, quantity and order number.
Packing	Standard: woven bag. Optional: carton, pallet, wooden case. Please state the requirement — wooden case packing is quoted separately.
Documents supplied	Mill test certificate for the medium with each delivery · certificate of origin · packing list · ISO 9001 / ISO 14001 / ISO 45001 certificates on request.

Please state on every enquiry whether the price is required for the bag body alone or for a complete set including snap ring, filter band, cap, rivets and any bottom components. Both are normal practice in different markets, and a set price and a bag-only price are not comparable.