

**STATE OF THE ART FILTRATION
 FOR THE NEXT MILLENIUM**



TRI-DEK XL Internal Panel & Link Filters

TRI-DIM™ Filter Corporation revolutionized the air filtration industry in the 60's with the introduction of TRI-DEK internal ring panels and link filters. A *NEW* filter concept was introduced that provided three times the efficiency and service life of fiberglass, paper framed panel filters but eliminated their inherent problems. TRI-DEK filters are self-gasketing, impervious to moisture and most corrosive atmospheres, and do not shed even when fully loaded. TRI-DEK's utilization of three principles of filtration "in harmony," viscous impingement, straining, and interception were unheard of in the air filtration industry. TRI-DEK, available in panels, links, cubes, pads, and bulk rolls has passed the test of time and today remains "state-of-the-art" in filtration.

PERFORMANCE COMPARISON TRI-DEK XL VS. TRI-DEK 15/40 3-PLY

Nominal Sizes	TRI-DEK XL 4-ply			TRI-DEK 15/40 3-ply				
	Capacity CFM @ 400 FPM	Initial Resist. In. W.G.	Capacity CFM @ 500 FPM	Initial Resist. In. W.G.	Capacity CFM @ 400 FPM	Initial Resist. In. W.G.	Capacity CFM @ 500 FPM	Initial Resist. In. W.G.
12 x 24	800	.34	1000	.44	800	.23	1000	.30
15 x 20	850	.34	1150	.44	850	.23	1150	.30
16 x 20	900	.34	1200	.44	900	.23	1200	.30
16 x 25	1100	.34	1400	.44	1100	.23	1400	.30
18 x 24	1250	.34	1550	.44	1250	.23	1550	.30
20 x 20	1100	.34	1400	.44	1100	.23	1400	.30
20 x 24	1350	.34	1700	.44	1350	.23	1700	.30
20 x 25	1400	.34	1750	.44	1400	.23	1750	.30
24 x 24	1600	.34	2000	.44	1600	.23	2000	.30
25 x 25	1700	.34	2125	.44	1700	.23	2125	.30

Recommended Final Resistance 1.0" w.g.

**INTRODUCING TRI-DEK XL
 4-PLY RING PANELS & LINKS**

TRI-DIM™ Filter Corporation proudly presents "STATE-OF-THE-ART" filtration for the 90's and BEYOND. TRI-DEK XL offers all the structural features that made our TRI-DEK revolutionary in the 60's, but with increased efficiency, and 30% more service life. TRI-DEK XL's performance has been demonstrated time and again in lab tests and field evaluations.

SPECIFICATION

TRI-DEK — A 4-Ply multi-graduated laminant of tough, variable denier synthetic fibers, permanently bonded for extraordinary filtration efficiency, strength and durability. The revolutionary structuring features pre-crimped fibers in laminates, each graduating downward in diameter, forming millions of intersticed, funnel shaped contaminant traps. TRI-DEK XL's interceptor stations are arranged by design to arrest and permanently retain, in depth, all solid particulate matter in proportion to their micron size without interrupting uniform air flow. TRI-DEK XL combines the impingement, strainer, and interception methods of filtration to create "FILTRATION IN HARMONY."

PRODUCT BENEFITS

- Increased efficiency vs. 3-Ply gradient density filters.
- 30% greater service vs. 3-Ply gradient density filters.
- Total utilization of filter face area as opposed to only 70% or less with paper framed panel or pleated filters.
- Pre-crimped 100% Dacron® fibers are unaffected by moisture, or most corrosive atmospheres.
- Integral gasket selvedge edge and exclusive friction fit prevent dirty air bypass, and eliminate the need for additional hardware or holding devices.
- Non-Toxic, Non-Allergenic, and Non-Shedding. Will not support growth of bacteria, as opposed to paper framed filters.
- Unitized internal wire frame, and heat sealed, laminated construction eliminates filter collapse, fiber break-off, and possible contamination carry-over (special size panels and links may be sewn).
- To satisfy all building codes, TRI-DEK Panels, Links and Cubes are available with UL and ULC Class I and Class II Ratings. (Ref. R6378).