

Notes:

Quality Seal RPDx1 Polyester Ring Panels and RLDx1 Linked Panel Filters are available in 1" thick 2 ply panels. These panels are constructed of a blend of three different fiber deniers in two polyester layers sealed around an internal support wire.

Media layers are graduated density - the air entering layer is 1/2" dry poly and has larger, more open fibers for good dust loading. The air exit layer is 1/2" tackified poly with smaller, tighter woven fibers for high efficiency. Heavy gage galvanized internal support wire assures stability under high air velocity and heavy dirt loading. Media overlap around all edges provides an air-tight seal to prevent dust bypass.

Center seal pattern holds the polyester layers together to prevent sagging and fluttering.

A non-migrating tackifier applied to the downstream side of each panel acts as a final layer of defense by trapping and holding dust.

Custom size panels and links are available in media combinations of your choice.

Size Availability Chart

Nominal Width (in.)	Number of Panels per Filter Nominal Height (in.)						
	10	12	15	16	20	24	25
20	1	-	1	1	1	-	-
24	-	1	-	-	1	1	-
25	-	-	-	1	1	-	1
32	-	-	-	-	2	-	2
40	2	-	2	2	2	2	2
48	-	2	-	-	2	2	2
50	-	-	-	2	2	-	2
60	3	-	3	3	3	3	3
64	-	-	-	-	3	-	3
72	-	3	-	-	3	3	-
75	-	-	-	3	3	-	3
80	4	-	4	4	4	4	4
96	-	4	-	-	4	4	4
100	5	-	5	4	4	4	4
120	6	5	6	6	6	6	6
125	-	-	-	5	5	-	5
144	-	6	-	-	6	6	-
150	-	-	-	6	6	-	6


Performance Data

Product Code	ASHRAE 52.2 - 1999				Initial Resistance "w.g. @ 300 fpm	Final Resistance "w.g.
	MERV Value	E1 %	E2 %	E3 %		
RPDX1	< 5	n/a	n/a	n/a	.14	1.00

Part Number Guide

Product Code	Depth	Nominal Dimensions	Examples:
RPDX	1	WxH	RPDX11020 = Ring Panel DX 1 in depth, 10x20
RLDX	1	WxH	RLDX110100 = Ring Links DX 1 in depth, 10x100

Quality Seal Ring Panels and Links are also available in custom sizes.

Characteristics	Quality Seal Ring Panel Filters	 QUALITYFILTERS, INC. <small>THINKSIMPLE. THINKSMART. THINKQUALITY.</small> 23351 Grissom Drive Robertsdale, AL 36567 www.QualityFilters.com Phone: (251) 947-2400 Order Fax: (251) 947-2499 Sales Fax: (251) 947-7948			
Filter Media, Air Entry Layer	0.5 inch thick; 6 and 15 denier dry polyester				
Filter Media, Air Exit Layer	0.5 inch thick; 6 and 3 denier tackified polyester blend				
Support Grid	0.148 inch (9 gage) galvanized steel wire frame and cross wire				
Assembly Technique	Thermally welded media encapsulating the support grid.				
Max. Temperature	100°F (38°C) continuous service, Peaks 120°F (49°C)				
Max. Humidity	Resistant to 100% R.H.				
		DR JJS	Date 29 Sep 07	Dwg No. Q-110003	Revision A
		CK JH	Date 29 Sep 07		