

# KR-1™ Diffusion Panel



External X-wire design

Heat-sealed design with internal wire

## Features

- Progressive density fiber matrix
- Prevents particle migration
- Unparalleled holding capacity
- Available in panel, blanket and pad configurations

The **Koch KR-1 Diffusion Panel** is designed to provide maximum protection against airborne migration of dirt particles that can damage a quality finish in cross-draft and down-draft paint spray booths.

## Features and Benefits

- Utilizes a progressive density fiber matrix to provide exceptional performance in surface finishing operations
- Prevents particle migration and creates unparalleled holding capacity that is superior to other competitive diffusion media
- The KR-1 panel is also available in blanket and pad configurations
- Available with internal or external support grid

## Applications

- Aerospace
- Furniture Manufacturing
- Automotive Manufacturing
- Appliance Manufacturing
- Automotive Aftermarket
- Contract Coaters

## Product Performance Data

<b>Initial Resistance</b>	.19" w.g. @ 100 fpm
<b>Average Efficiency @ 10 microns</b>	95+%
<b>Thickness</b>	0.90"
<b>Basis Weight</b>	300 grams/m <sup>2</sup>
<b>UL Classification</b>	Class 2, Standard 900
<b>Dust Holding Capacity</b>	147 grams
<b>Recommended Final Pressure Drop</b>	1.00" w.g.

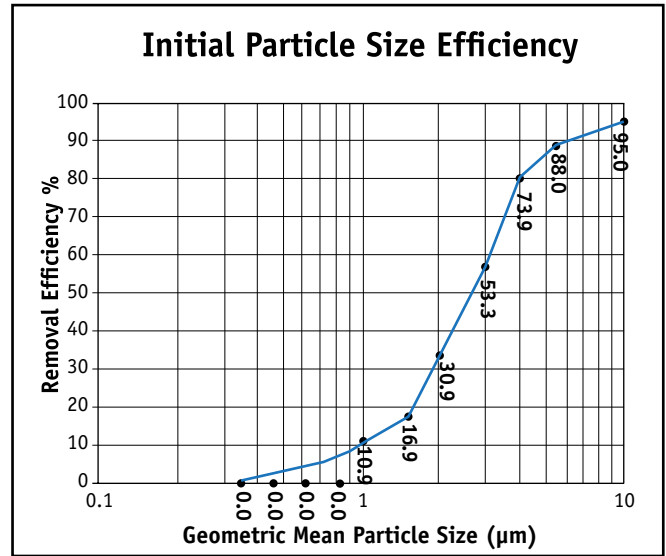
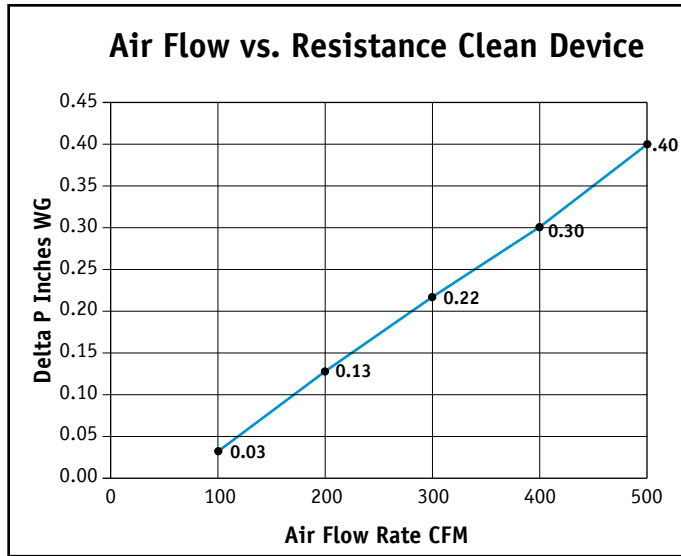
\* NESHAP (National Emission Standards for Hazardous Air Pollutants – 40 CFR 63)

\*\* MACT (Maximum Achievable Control Technology)

## Product Listing

Description	Nominal Size (in Inches)	Quantity Per Carton
KR-1 Polyester Diffusion Panel, with External "X" Wire	20 x 20	24
KR-1 Polyester Diffusion Panel, with External "X" Wire	20 x 25	24
KR-1 Polyester Diffusion Panel, with External "X" Wire	24 x 24	24
KR-1 Polyester Diffusion Panel, with Internal, Heat Sealed Wire	20 x 20	24
KR-1 Polyester Diffusion Panel, with Internal, Heat Sealed Wire	20 x 25	24
KR-1 Polyester Diffusion Panel, with Internal, Heat Sealed Wire	24 x 24	24

## Performance Data



NESHAP (National Emission Standards for Hazardous Air Pollutants)  
 MACT (Maximum Achievable Control Technology)



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 PURE PERFORMANCE

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