

MEMBRANE DIFFUSION® PROPERTIES

MD SERIES

MEMBRANE MATERIAL:	Woven Polypropylene Monofilament. Membrane fabric-satin weave, lightweight, natural color, with UV additives.
MEMBRANE PANEL WEIGHT:	Approximately .44 lb. per square foot or 2.11 kg/m ² . (1 panel = 3.40 lbs.)
AVAILABLE MEMBRANE PRESSURE DROP:	For laminarity at .03" to .1" W.G. 2125 For Air Flow of 8 to 34 FPM (Feet/Minute) 2300 For Air Flow of 35 to 50 FPM (Feet/Minute) 2500 For Air Flow of 56 to 100 FPM (Feet/Minute)
FIRE CHARACTERISTICS:	(Membrane fabric is classified as a Class "A" product as defined by the ASTM E-84 Fire Test.
SUPPORT SYSTEM:	Membrane fabric is set on standard 2' x 4' eggcrate panels. Panels designed to lay into a standard 2' x 4' acoustical ceiling grid system. Special sizes are available for odd openings.
ASSEMBLY:	Panels are manufactured by Luwa, Inc. in a Class 100 cleanroom. Panels are bagged, crated, and shipped to jobsite for installation into the ceiling grid.
OPENINGS & PENETRATIONS:	Penetrations for sprinkler heads or conduit can be made anywhere in panel and finished off with standard escutcheons. Special sealing is not required.
ACCESS:	Membrane panels lift out (like ceiling tiles) for access to HEPA/ULPA filters and lights.