

The Best Sealing Grommet on the Market



TESTING DATA

Test results show that the highly engineered sealing technology of the KoldLok Wave® blocks more bypass airflow than any other grommet on the market. Achieve maximum efficiency and protect your IT equipment with the patent-pending wave shaped thermoplastic elastomer in the KoldLok Wave®. The many features of this innovative sealing solution make it the best investment for your money, offering the fastest ROI and longest lifetime value.

TEST RESULTS

Results of the bypass airflow leakage testing are shown in Standard Cubic Feet per Minute(SCFM) per 100 square inches of usable area at a static pressure of .05" of water column.

By presenting leakage per unit area, it is possible to compare the performance of different sized grommets.

	No Penetrators	9/16" Power Cable	4 x 9/16" Power Cable	32 Data Cable Bundle
KoldLok Wave	0.2	1.1	3.3	6.2
Brush Competitor #1	2.7	4.7	8.3	6.2
Brush Competitor #2	3.0	16.6	27.8	26.0

Test Method: Each grommet was mounted above a flow straightening plenum. The plenum was pressurized to .05 inches of water column to simulate typical data center conditions. A Thomas meter was used to measure the leakage flow rate. A Thomas meter works by placing a heating element in the air stream to be measured. A temperature sensor is located downstream from the element. With a known specific heat capacity of air, the observed temperature rise can be correlated to a flow rate. The Thomas meter used measures 1-80 SCFM at 5% of reading accuracy. It is listed by ASHRAE as an acceptable measurement method for the flow rates involved in this type of testing.