Hybrid Cushioning Material Offers Expanded Width

Pregis Corp. has expanded the capabilities of its hybrid cushioning (HC) material with the introduction of a new wider-width format. Pregis' new AirSpeed HC Ultra unit creates cushioning that is 50% wider than the company's standard AirSpeed HC unit.

Hybrid cushioning differs from traditional void-fill pillows because it features multiple air chambers in a horizontal and vertical pattern vs. one large cell. Flat, perforated rollstock is mounted onto the AirSpeed unit, which creates the rows of small air-filled pockets as the air is transferred between the individual chambers.

The new HC Ultra unit produces 18-inch wide "pads" from 24-inch rollstock. (This compares to 12-inch wide pads from 17-inch roll stock on the standard unit.) The pads feature a larger cell height of 1 ¼-inches. Typical perforation preset is every 7 inches, but can be modified depending on application needs.

Companies will also have the option of using traditional virgin air cushioning material or HC Renew, a high performance, low-density polyethylene film which contains a proprietary organic additive that accelerates microbial biodegradation, without compromising recyclability.

The HC Ultra's profile is only 10-inches wider than the standard HC unit and operates at speeds of 75 feet per minute.

The HC Ultra produces inflatable cushioning for void fill, containment, wrapping and packaging needs. Products of varying shapes and sizes receive optimal protection from shock, abrasion and vibration during transit.

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