

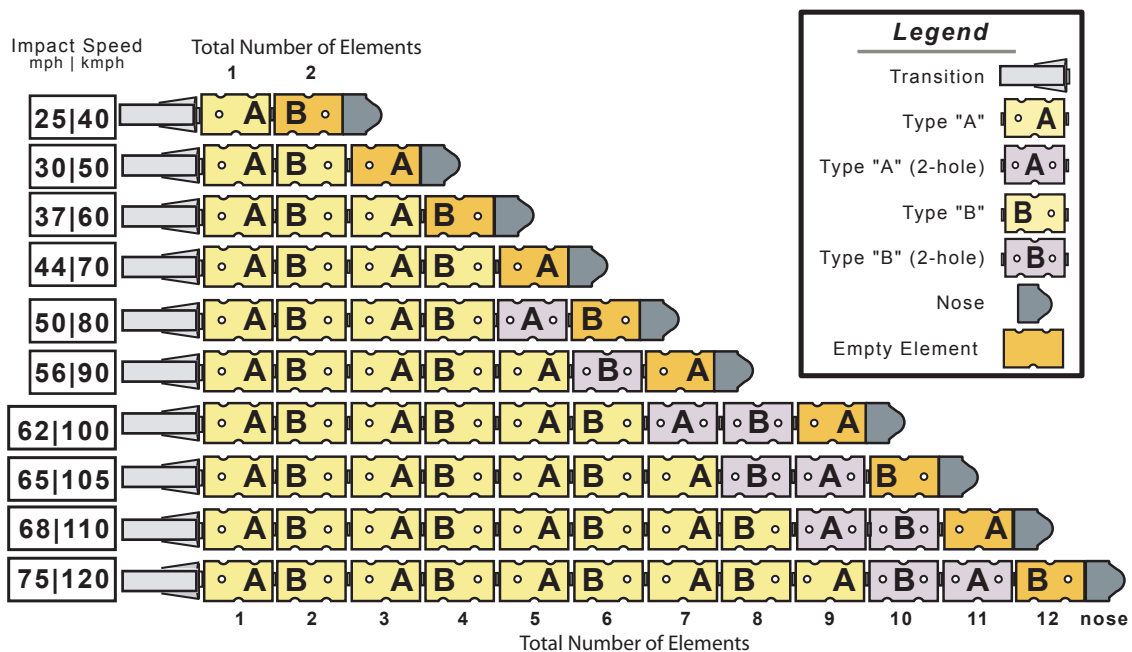
ABSORB 350[®] Crash Cushion System Configuration

The ABSORB 350 Crash Cushion System has been fully designed and tested to comply with the evaluation requirements of the National Cooperative Highway Research Program Report 350 (NCHRP 350) for Test Levels 2 (70 km/h) and 3 (100 km/h). The Test Level 2 system contains five energy absorbing elements and the Test Level 3 system contains nine energy absorbing elements.

It is sometimes desirable to have a crash cushion that has an energy absorbing capacity that is less than Test Level 2, between Test Level 2 and Test Level 3, or greater than Test Level 3. Therefore, the following table indicates the number of elements, and the element placement configuration, that would be required to absorb the kinetic energy of a 2000 kg (4400 lb.) vehicle impacting the front of the ABSORB 350 system, head-on and at the velocity indicated.

Roadside safety features, such as crash cushions, must be installed in accordance with the AASHTO Roadside Design Guide, state and local standards and in conformance with the manufacturer's instructions. Instructions from the manufacturer are available by contacting Barrier Systems, Inc., Customer Service Department at 1-888-800-3691.

ABSORB 350[®] System Configuration Chart



For Technical Support Call
(888) 800-3691

