

1. The strap is to have a minimum break strength* of 1,200 lb.
2. The strap is to be sealed with a friction weld of heat seal joint (sealless) with a joint strength of 900 lb (75% of minimum break strength).
3. The strap is to be clearly marked with the strap I.D. spaced at not more than 5 ft intervals.

G—TY-GARD 2000®

Ty-Gard 2000® is a laminated fabric barrier material that is constructed of the following material:

Backing

Base material—spun-bonded polyester
 Unit weight—1.35 oz/yd²
 Thickness—9 mil
 Sheet grab tensile—29 lb (MD) 24 lb (CD)
 Tear—11 lb (MD) 12 lb (CD)
 Mullen burst—36 psi

Strength Material (CORD)

Base material—hybrid polyester fiber
 Yarn count—22/in.
 Denier—1500
 Filament count—546
 Type—DSP high modulus fibers
 Elongation at break—10%
 Modulus elongation at 10 lb—3%

Use of Ty-Gard 2000 as a lading restraint (in trailers) is restricted to trailers with horizontally oriented side-wall panels. Bond to the contour of corrugations in containers.

Loads are normally separated into two or more sections with each section secured with two 16 in. wide Ty-Gard 2000 flexible barriers. **As a general guide, each Ty-Gard 2000 barrier can restrain up to 8,800 lb of lading.** To secure the Ty-Gard 2000 to the trailers sidewalls, cut two lengths of Ty-Gard 2000 for each band required and apply the adhesive strip to each sidewall in the predetermined position. The Ty-Bond 2000 strips are a minimum of 60 in. long and are located 36 in. back from the face of the load. Pull the Ty-Gard 2000 strips across the face of the load overlapping ends at least 1 ft and tension using Ty-Gard tools. The tensioned barriers are then sealed with 4 ft long strips of Ty-Patch bonded to the Ty-Gard 2000 barriers. Ty-Gard 2000 has been approved for use as a restraining system for several different commodities. For more specific information, refer to [Section IV, Tested and Approved Securement Methods](#).

* See ASTM Standard D3950, “Standard Specification for Strapping, Non-metallic,” for information on strapping type and grade and testing procedures.