

TS GROUP (ONTARIO)

PRODUCT SPECIFICATION

MODEL 57000 VERTICAL STAINLESS STEEL RAIL

GENERAL SPECIFICATIONS

RATED LOAD CAPACITY (WORKERS)	ONE (1) WORKER PER TEN (10) FOOT SPAN (3.048m)
MAX. SPACING BETWEEN SUPPORTS	FIVE (5) FEET (1.52m)
STANDARD LENGTHS	FIVE (5) FEET (1.52m)
WEIGHT PER FOOT	1.131lbs (.514kg)
FINISH	MIL FINISH STAINLESS STEEL
ARRESTING FEATURE	RAIL IS PROTRUSION PUNCHED EVERY SIX (6) INCHES

MATERIAL AND CONSTRUCTION

GENERAL CONSTRUCTION	304L or 316L STAINLESS STEEL
TENSILE STRENGTH	MIN. 90,000 PSI
APPROX. DIMENSIONS	2-3/16" WIDE BY 7/8" DEEP
SPLICE BRACKETS	304L or 316 STAINLESS STEEL
SUPPORT BRACKETS	304L or 316L STAINLESS STEEL
TENSILE STRENGTH:	MIN. 90,000 PSI
SUPPORT BRACKET SPACING	MAXIMUM FIVE (5) FEET
SPLICE & SUPPORT BOLTS	18-8 STAINLESS STEEL, 316 STAINLESS STEEL UPON REQUEST

APPLICATION REQUIREMENTS

-MODEL 57000 IS DESIGNED FOR USE IN PERMANENT INSTALLATIONS. THE RAIL HAS BEEN DESIGNED TO SUSTAIN A FORCE OF 5000lbs. WHEN USED IN CONJUNCTION WITH A TSG 25000L, 25100L OR A 25700L FALL ARRESTER (TROLLEY) THE SYSTEM IS CERTIFIED TO CSA Z259.2.1-1998 CLASS AAS@ AND MEETS OSHA REGULATION (1910.27) AND ANSI REGULATION A14.3-1984.

INSTALLATION:

- TOOLS REQUIRED TO INSTALL THE SUPPORT CLAMPS AND OR THE SPLICE BRACKETS: 1/2" WRENCHES, TORQUE WRENCH AND STANDARD (FLAT HEAD) SCREWDRIVER.
 - TOOLS REQUIRED FOR INSTALLATION OF SPLICE BRACKETS: 1/2" WRENCHES, TORQUE WRENCH AND STANDARD (FLAT HEAD) SCREWDRIVER.
 - TORQUE BOLT ASSEMBLIES DRY NO LUBRICANTS TO 11FT.LBS..
- DO NOT OVER TIGHTEN ANY FASTENERS.**

GENERAL INFORMATION

The 57000 Vertical rail must only be used with the TSG 25000L, 25100L or 25700L Fall Arrester (Trolley) and a full body harness equipped with a >L= Dee ring for attachment to the Trolley. The worker should also be equipped with an energy absorbing lanyard so that in the event that the worker must leave the rail system the worker may maintain 100% fall protection. The rail should only be used by qualified, competent and trained workers. Should a fall occur and the worker is injured or unable to perform a self rescue the rail may be used by rescuers to perform the rescue. The TSG Trolley moves freely along the TSG Rail System and follows the worker with little resistance.

It is the responsibility of the owner of the system to ensure that proper procedures are established and that proper training is given to every worker that may use the system.

The TSG 57000 Rail is made of 304L or 316L Stainless Steel alloy and stand up to the toughest of environmental conditions.