

780 Shock Reduction Tether and Harness

#780-2 is a simple seat harness coupled with the 780-SRT Tether to serve as a safety restraint for boat crew personnel. Specifically intended to secure the gunner in USCG response boats. Harness features LSC's low profile stainless steel adjusters and rings. Universally sized.



The Shock Reduction Tether (SRT) is LSC's latest technology in restraint tethers. The SRT is designed to reduce or mitigate the forces experienced by personnel during a fall or other high acceleration event such as vehicular direction change (momentum), etc. Constructed for the marine environment utilizing MIL-SPEC webbing and stainless steel hardware for strength and corrosion resistance. At the core of the SRT is a patented, energy absorbing sacrificial strap that is folded and secured within a protective sleeve forming the shock reduction element. The strap is woven in a special manner such that the fibers will begin to separate and break once a force of approx. 700-800lbs. is experienced. It is the separation and breaking of the fibers that permits the tether system to dissipate and absorb the energy of the moving mass/body that is in free fall, etc. The shock-reducing element will expand in length, as the fibers are broken. The maximum extension will not exceed 18 inches (The extended length is in addition to the length of the tether). During the extension of the SRT, the force experienced by the personnel being restrained is limited to approx. 800 lbs. Once the SRT has reached max. extension no further energy will be absorbed by the element and the unit will serve as a standard nylon-webbing tether up to the rating breaking limit of 3300 lbs. The design of the tether is self-indicating and a warning label will be exposed if the system has been subjected to an over limit force of 800 lbs or greater. **Designed for the Boat Gunner Restraint System and Approved by the USCG Office of Boat Forces. 780-SRT is for M240 Mount and the 780-SRTL is for Rear RBM Mount.**

Technical Specifications:

#780-SRT, #780-SRTL and #780-2 Harness

Weight	1.5lbs (0.5kg)
Dimensions	Extended Length is 6.5'
Materials	MIL-SPEC webbing, Standard Nylon, and Stainless Steel
Load Limit	3300 lbs breaking load, 600 lbs WLL

LIFESAVING SYSTEMS CORPORATION

 220 Elsberry Road, Apollo Beach, Florida 33572

 (813)645-2748

 www.lifesavingsystems.com

