


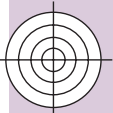




# Aerospace and Military Wire and Cable

The cables used in aerospace and military applications are quite diverse. As one would imagine, the construction considerations for a cable used for the Space Station are quite different from a Naval tow cable. The following is a graphical representation of the various applications Calmont provides solutions for and their unique construction details. Please contact Calmont for your specific needs.

Applications	Construction Considerations	Materials Used
 <p>Spacecraft – Satellites</p>	<p>Radiation Resistant, Flexibility, Low Outgassing</p>	<p>Tefzel, Aracon, Silicone Rubber and Silicone which meets NASA .01% TML requirement</p>
 <p>Aircraft</p>	<p>Fire Retardancy, Flexibility, Low Smoke, Low Halogen,</p>	<p>FEP, PFA, Tefzel, Flame Retardant Polyurethane Tefzel Insulations, Jackets</p>
 <p>Armament/Missile</p>	<p>Flame Retardancy, Ruggedness</p>	<p>FEP, PFA, Tefzel Insulations with Tefzel or PVC or Teflon Insulations Polyurethane, TPE or Blown on Neoprene Jackets</p>
 <p>Tactical Ground Communications/ Radar– Ground Support</p>		
 <p>Naval Sea/Shipboard</p>	<p>Flame Retardancy, Low Smoke, Low Halogen</p>	<p>EMI Shields, Filled Polyolefin Jackets and Silicone Rubber Jackets, Teflon, Silicone Rubber, and Surlyn Insulations with blown on Neoprene Jackets</p>
 <p>Undersea Tow, Tether, Sonar Video, ROV, Lighting, Umbilical, Geophysical</p>	<p>Buoyancy, Atmospheric Pressure, Ruggedness</p>	