



Convolved Tubing and Conduit System Selection Application Checklist

Originator Contact Information

Name and Title _____
 Company Name/Division _____
 Street Address _____
 City and State/Province _____
 Country and Postal Code/Zip _____
 Telephone _____ Fax _____ Email _____

Fitting Type

- Factory Installed
 User Installed

Working Environment

- Shipboard
 Aircraft
 Secure Communications
 Ground Support
 Rail/Mass Transit
 Space
 Missile Defense
 Telecommunications
 Armored Vehicle
 Other

Assembly Length Requirements

- Less than 10 Meters
 10 to 150 Meters
 More than 150 Meters

Special Considerations

- Weight Reduction Required
 Low Smoke/Zero Halogen Rq'd.
 UL94-V0 Flammability Required
 NBC Resistance Required
 Field Repairability Required
 Size or Shape Restraints as Specified: _____

Level of Electromagnetic Protection

- Not Applicable
 _____ db from _____ MHz/GHz
 to _____ Mhz/GHz
 EMP
 TEMPEST
 Other; Required attenuation
 and frequency band:

Level of Environmental Protection

- Not Applicable
 Moisture Resistance
 Full Water Immersion
 Chemical/Caustic Fluid Resistance
 Extreme Corrosion Resistance
 Intense Atomic Radiation

Mechanical Requirements

- Abrasion Resistance
 Crush Resistance
 Approx Strength: _____ psi
 Flexibility
 Approx no. of cycles: _____
 Tensile Strength
 Max. lbs. of pull: _____

Temperature Tolerance:

Operating: - ____ °C to + ____ °C
 Storage: - ____ °C to + ____ °C

Mechanical Durability

- Not Applicable
 Light Duty
 Medium Duty
 Heavy Duty
 Gorilla Proof

List the connectors used in this project, including connector interface designators, if known:

List preferred jacketing, protective overbraiding or fabric sheathing materials such as neoprene, Amber-Strand®, ArmorLite™ Dacron, etc.

Labelling & Marking Requirements:

