



## Armored Nylon Aircoil Assemblies

### Technical Specifications

#### BACKGROUND:

The Tectran ARMORCOIL was conceived after receiving input from various fleet users, suggesting there was a need for a new coiled airline, that provided superior resistance to kinking, abrasion and cut-through. Other coils, consisting of tubing made from materials other than Nylon, have offered good flexibility, but have fallen short of the chemical resistance and other properties achieved by Nylon, and there has been much debate as to how effectively these alternate designs meet industry specifications.

#### DESCRIPTION:

Tectran's unique ARMORCOIL Aircoil assemblies consist of standard, approved nylon air brake tubing that is armored with an external protective sheath of durable polyurethane. This ensures compliance of the important tube assembly to pertinent DOT & SAE standards, while providing additional protection against kinking, abrasion and cut-through. The protective polyurethane armor, is stripped back inside the nut of the fitting, enabling the use of approved, DOT/SAE compression fittings, while providing extra protection to the tube at the fitting. The truck valve end pigtails are fitted with 3 part fittings allowing easy assembly to the vehicle. Assemblies are fitted with FLEX-Grips to provide even better protection to the inner tubing during gladhand connection.



- Unique rubberized gladhand grips
- Protects hose/tubing during gladhand connection
- May be used on rubber hose assemblies or aircoils
- Allows gradual bend restriction during tight turns
- Packaged in a field-installable set or factory installed

#### WARRANTY:

Tectran ARMORCOIL comes with a 2-year warranty.

#### APPLICABLE SPECIFICATIONS:

The inner Nylon assembly contained in the protected ARMORCOIL product, meets the requirements of SAE J844 and Section 39348 of the FMVSS, (Subchapter 3 of Title 49, CFR), which permits the use of coiled nylon air brake tubing for connections between towed and towing vehicles. Super Cold Flexibility rating of -75 degrees F.

#### OTHER DATA:

Please consult the Technical Specifications for standard Tectran aircoils and air brake tubing for further technical data regarding the inner tube and lifting connections.

#### CONSTRUCTIONS AVAILABLE:

Tectran ARMORCOIL is available in 15 working foot lengths, with standard 12" pigtails, or 24" and 48" pigtails; 20 working foot coils are available by special order. FLEX-Grips on the handle end are standard.