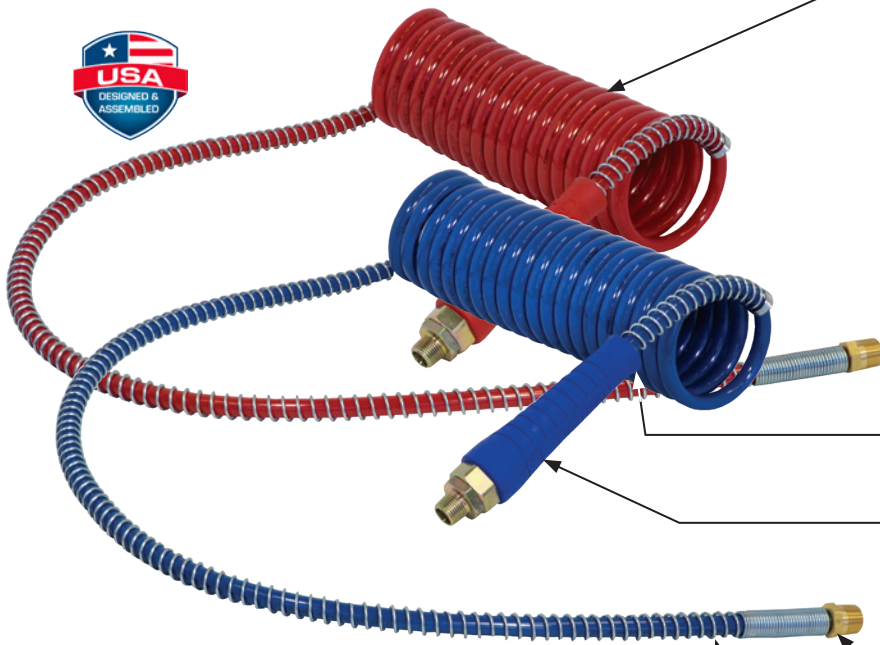


# ARMORFLEX-HD™ ARMORCOIL Aircoils



## ARMORCOIL ARMORFLEX<sup>HD</sup>™

- -85°F extreme cold flexibility rating
- Tube O.D. - 1/2"
- Tractor Fitting Thread - 1/2" **LIFESwivel**® live swivel (Patent Pending)
- **FLEXGrip-HD**™ Thread - 1/2" (Patent Pending)
- 5 year limited warranty



**ARMORFLEX-HD**™ features a unique polyurethane covered Armor Coated tubing that is rugged, abrasion and cut resistant. Made of premium virgin nylon constructed tubing.

• Unique manufacturing process ensures outer jacket maintains permanent bond with inner tubing

• **TECTRAN's** Anti-Sag and Stretch manufacturing & coiling process

• Exceeds DOT FMVSS 106/SAE J844 requirements

• Reinforced, thicker rail profile prevents tearing and improves kink resistance

• **FLEXGrip-HD**™ handles with all brass fittings on the trailer leads provide tubing protection during gladhand connections

• **LIFESwivel**® - A live swivel design featuring all brass construction to eliminate corrosion

• Double O-ring leak-free "Life" design

• Quick & easy single wrench installations

• Heavy duty plated, corrosion resistant spring guards



Patent Pending



Patent Pending



The **ARMORFLEX-HD**™ Series features the premium **FLEXGrip-HD**™ thermo-elastomeric gladhand grip. These uniquely tapered grips flex with air lines during tight turns providing the industries most advanced kink protection.

- Corrosion resistant, all brass fittings
- Thicker at the fitting for kink protection during gladhand connections
- Allows gradual bend restriction during tight turns
- Color-coded grip helps minimize incorrect tractor/trailer connections



**FLEXGRIP<sup>HD</sup>**  
Patent Pending

# ARMORFLEX-HD™ ARMORCOIL Aircoils

SETS		INDIVIDUAL COIL		PIGTAIL LENGTH				MAGNUMFLEX™* UPGRADE
Part No.	Stk. Code	Part No.	Stk. Code	Color	Length	Tractor End	Trailer End	
17A12H	20116	16A12BH	20507	Blue	12 ft	12"	12"	17M12H
		16A12RH	20508	Red	12 ft	12"	12"	
17A15H	20120	16A15BH	20069	Blue	15 ft	12"	12"	17M15H
		16A15RH	20070	Red	15 ft	12"	12"	
17A15-24H	20426	16A1524BH	20427	Blue	15 ft	24"	12"	17M15-24H
		16A1524RH	20428	Red	15 ft	24"	12"	
17A15-40H	20118	16A1540BH	20065	Blue	15 ft	48"	12"	17M15-40H
		16A1540RH	20066	Red	15 ft	48"	12"	
17A15-72H	20168	16A1572BH	20117	Blue	15 ft	72"	12"	17M15-72H
		16A1572RH	20129	Red	15 ft	72"	12"	
17A20H	20124	16A20BH	20222	Blue	20 ft	12"	12"	17M20H
		16A20RH	20197	Red	20 ft	12"	12"	
17A20-24H	20476	16A2024BH	20474	Blue	20 ft	24"	12"	17M20-24H
		16A2024RH	20475	Red	20 ft	24"	12"	
17A20-40H	20123	16A2040BH	20071	Blue	20 ft	48"	12"	17M20-40H
		16A2040RH	20072	Red	20 ft	48"	12"	
17A20-72H	20169	16A2072BH	20509	Blue	20 ft	72"	12"	17M20-72H
		16A2072RH	20510	Red	20 ft	72"	12"	

## MAGNUMFLEX-HD™ - Aircoils with Fused Technology

Looking for a superior solution? Upgrade your aircoils to the **MAGNUMFLEX-HD™**. Featuring all the same great design benefits of the **ARMORFLEX-HD™** with the added advantage of bonded red & blue tubing. This fused technology allows for the most tangle free, coiled tractor-trailer connection system in the industry!



ARMORCOIL  
**MAGNUM  
FLEX™  
HD**





## SEVERE CLIMATE SOLUTIONS

Cold weather, and ice fighting chemicals can take a toll on your equipment. Tectran provides a full line of products to help you combat extreme climate conditions. We encourage you to inspect the components of your air brake and electrical systems regularly - Stay safe!



### ARMOR TUBING



- Featuring a unique Armor Coating of rugged, kink and chemical-resistant polyurethane
- Super cold flexibility rating of -85°F
- Inner tubing meets DOT FMVSS - (49 CFR 571.106 & 49 CFR 393.45)
- Superior coil memory and durability
- Abrasion and cut resistant



### ARMORCOILS



- » Swivel fittings on the tractor-end for ease of installation
- » **FLEX-Grip** rubberized handles
- » Heavy duty plated spring guards extend well past 2" exceeding DOT regulations

### MAGNUM Dual Line System



- » Includes the same features of our **ARMORCOILS** with bonded tubing eliminates tangling and provides a "sleeve" to hold ABS cable

### ARMORBRASS

- » Brass handles on trailer leads provide protection during gladhand connections
- » Extra long closed coil spring guard (DOT Requirement)
- » DOT brass fitting with Tectran identifier
- » Tubing mates with brass fitting inside the handle providing a superior kink solution

### ARTICFLEX AIR BRAKE HOSE



- ArticFlex air line hose assemblies are made using special SAE J1402 hose rated for -65°F
- Blue or Red FLEX-Grips - for gladhand connection and identification
- Swivel fitting at tractor end - for easy installation
- Spring guard on tractor end - for strain relief
- Available as: Jumper Hose, Hose Assemblies, Bulk Hose & 3-in-One ABS ArticFlex AirPower Lines



The ORIGINAL



### AIRPOWER LINE

- » Includes ArticFlex air line hose assemblies shown above
- » ABS power line rated -85°F
- » Enclosed in heavy duty, beveled edge, spiral wrap
- » Hanger Bracket Mounting Assembly included for easy suspension.
- » The ArticFlex air lines have swivel fittings at tractor end for quick installation



**TECTRAN**  
Solutions for Transportation Equipment



### ARTICFLEX CABLE



- Specially formulated materials allow flexibility down to temperatures of -85°F (-65°C)
- Withstands the impact of rocks and other road debris at much lower temperatures
- Superior coil memory and durability
- Resistant to UV, ozone, gasoline, diesel fuel and commonly encountered chemicals
- Meets the stringent performance requirements SAE J2394
- Available as: Powercoils, Straight Cable Assemblies, Bulk Cable & in our line of AirPower Lines and Life Line Kits



### POWERCOILS



- » This ultra heavy duty construction is approved for new ABS system power requirements on single or multiple trailer configurations
- » Meets the stringent performance requirements of the new SAE J2222 Standard.
- » Excellent coil memory prevents sagging
- » *WeatherSeal* provides a weatherproof barrier protecting critical wire connections from corrosion
- » Durable Buffalo Plugs
- » Robust "T-Grips" resists breakage

### ANODIZED GLADHANDS



The chemicals used in today's road salts are extremely corrosive. These magnesium chloride and calcium chloride mixtures help prevent ice build-up on the roads but they accelerate corrosion in parts used on traditional gladhands.

- Anodized aluminum cast body
- Stainless steel clamp and hardware
- Plated striker plate
- Stainless steel fine mesh screen
- Durable wide lipped polyurethane seals



Check our website or ask your Sales Rep about other Solution Products:

- **DOUBLEDUAL** - An industry first! Tectran's one plug solution!
- **LIFELINE KITS** - comprehensive approach to reducing air and electrical hook-up line maintenance
- **Universal ABS Sensor Extensions** - allow you to stock one part series and remove the plug as needed to create a straight or 90° extension

PRODUCT BULLETIN

## Federal Regulations pertaining to Air Brake Tubing & Hose & Use of Spring Guards

Periodically, a mechanic or inspector will observe that spring guards may not exist on tractor-trailer air brake hose hookup lines and will refer to FMVSS CFR 393.45.

The only excerpt from this CFR that relates to spring guard protection is as follows:

***"(c) Nonmetallic brake tubing. Coiled nonmetallic brake tubing may be used for connections between towed and towing vehicles or between the frame of a towed vehicle and the unsprung subframe of an adjustable axle of that vehicle if --***

***(c)(1) The coiled tubing has a straight segment (pigtail) at each end that is guard at least 2 inches in length and is encased in a spring or similar device which prevents the tubing from kinking at the fitting at which it is attached to the vehicle; and***

***(c)(2) The spring guard or similar device has at least 2 inches of closed coils or similar surface at its interface with the fitting and extends at least 1 1/2 inches into the coiled segment of the tubing from its straight segment."***

This requirement is for coiled nonmetallic tubing only and does not related to hose. Rubber air brake hose manufactured to SAE J1402 has a significantly thicker wall and is less prone to abrasion and kinking as is a nonmetallic tube manufactured to SAE J844.

This does not mean that hoses should not be properly protected from chafing, kinking and other mechanical abuse and care should be taken to ensure that hoses are properly installed and routed to prevent this abuse. Spring guards and other protective methods are available from Tectran should their use be desired.