Hose and Couplings for the Petrochemical Industry

Bulk Transfer

In Plant

Goodyear Star Hose Distributor

www.star.goodyear.com

Goodyear
Engineered Products
1. Interlocking ferrules that are permanently crimped.

2. Patented automatic locking handles snap down, preventing accidental coupler detachment.

3. “Lock-out” padlock holes for added protection against vandalism and tampering.

4. Coupler designed with V-strut reinforcement to resist egging.

5. Connection points designed to meet MIL spec tolerances.

6. Patented hose stop design ensures proper hose placement during assembly.

7. Hose shank is machined to exact dimensions rather than cast for maximum coupling retention.

Insta-Lock fittings are designed for bulk dry and liquid materials. Consult the chemical resistance guide for specific chemical recommendations.

Insta-Lock components shown are available in stainless steel, aluminum and brass from 1/2” to 6” sizes. Available but not shown are gaskets, arm replacement kits and crimp sleeves.

Attaches to hose with the use of interlocking ferrules, crimp sleeves, or bands. Allows for fast easy connection/disconnection with Type E, F or A fittings built to MIL spec.

Seals hose assemblies and pipe systems while not in use. Unique, patented design minimizes spills and accidental hose contamination when hose is transferred from one location to another. Caps Type A, E and F fittings.

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Interlocking Ferrule

Permanently crimps Insta-Lock fittings to Goodyear hose, providing a safe, reliable assembly. Designed to interlock with Insta-Lock Type C and E fittings and stainless steel hose stems.

www.goodyearep.com/hose
PLICORD® FLEXWING®

Heavy-duty hose used for tank truck and in-plant operations to transfer gasoline, oils, and other petroleum products up to 50% aromatic content. Designed for pressure, gravity flow or full flow suction service.

- Black, Oil Resistant NBR Tube
- Black, Oil Resistant Chemivic® Cover (Smooth, Impression Wrapped)
- Working Pressure: 150psi
- Temperature Range: -35°F to 200°F
- Available in sizes 3/4” to 6” I.D.

RED FLEXTRA®

For the transfer of gasoline and other petroleum-based products under pressure, gravity flow or full suction where maximum flexibility is needed.

- Oil Resistant Nitrile Synthetic Rubber Tube
- Red Wingsprene Corrugated Synthetic (Oil Resistant) Cover With White Spiral Stripe
- Temperature Range: -30°F to 180°F
- Working Pressure: 150psi
- Available in sizes 2” to 4” I.D.

FLEXWING VERSAFUEL™

Versatile fuel transfer hose for tank truck and in-plant operations to transfer diesel, biodiesel blends, ethanol blends, gasoline, oil and petroleum-based products up to 60% aromatic content.

- Synthetic rubber (static dissipating) tube
- Black Synthetic Rubber cover with excellent resistance to biodiesel, ethanol, oil/petroleum products and abrasion
- Working Pressure: 150 PSI
- Temperature Range: -30ºF to 180ºF (-34ºC to 82ºC)
- Available in seven different sizes ranging from 1” to 4”

PALADIN®

Designed as a lightweight and flexible hose to transfer gasoline and other petroleum products under pressure, gravity flow or medium suction at ambient temperatures.

- Static Dissipating Black Nitrile Synthetic Rubber Tube
- Static Wire in the Outer Helix
- Black Chemivic™ Synthetic Rubber Cover With Orange Pliovic® Outer Helix
- Temperature Range: -40°F to 160°F
- Working Pressure: 75psi
- Available in sizes 2” to 4” I.D.

To assure maximum chemical compatibility please reference Goodyear’s Chemical Resistance Guide.

www.goodyearep.com/hose
Goodyear Engineered Products supplies a full line of highly engineered industrial hose for the petroleum transfer chemical transfer, and bulk transfer markets. In addition to a full line of top quality petrochemical hose, we are the only manufacturer to offer our own line of couplings designed specifically for our hose. Further, our Star Distributors are compliant with NAHAD’s set of assembly guidelines and RMA test procedures. It’s all part of Goodyear’s dedication to efficiencies and higher standards in engineering and end-use. The end result: hose assembly procedures verified by Underwriters Laboratories Inc. (UL), which can assure you greater consistency, reliability and durability. This can standardize your assemblies for longer life and lower costs throughout your operations.

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**One Source.**
Historically, industrial hose manufacturers made hose, and fitting manufacturers made fittings. But nobody made both. Until now.

**One System.**
Introducing Goodyear’s Asyst™ Assembly System Technology, the petrochemical industry’s first single source, completely assembled hose and coupling system that gives you total peace of mind from the time you buy it until the time you take it out of service.

**One Solution.**
You’ve always trusted Goodyear to handle your toughest hose applications. And now with our new line of Insta-Lock™ industrial couplings, specifying and ordering complete systems just got easier. No more middle men. No more mismatches. No more worries.

**GOODYEAR ASYST. STOP THINKING HOSE AND COUPLINGS. START THINKING SYSTEMS.**

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**Track the System from Start to Finish**
Want to keep risk management at the forefront? Have your Goodyear Authorized Distributor do a detailed analysis of your application with Hose Trakker™, an electronic system that allows you to track the condition of your hose from the day it’s made to the day you take it out of service. Hose Trakker enables the user to document trouble areas to help track wear and helps you schedule regular service and changeovers. All with little or no downtime.

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**Lock in the Perfect Coupling**
Goodyear Insta-Lock™ couplings with patented locking arms are designed specifically to fit Goodyear’s petrochemical hose. Unlike most other couplings that use bands, Insta-Lock couplings utilize crimped-on interlocking ferrules and strict crimp dimensions. So when we change a hose, we also change the crimp dimensions. It’s that critical to proper fit. And it’s one more way we deliver reliability and efficiencies that other providers simply can’t match.

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**The Right Hose for the Job**
Picking the right hose for your application shouldn’t be guesswork. That’s why nobody makes proper selection easier than Goodyear Engineered Products. Thanks to the online product finder at goodyearephose.com, you can find the right hose by application or product name. Either way, you always get the right hose for the job.