

TIPCO

TECHNOLOGIES, INC.

SAFETY FIRST • QUALITY ALWAYS



SAFETY
PEI
EQUIPMENT DIV.

NAHAD
Industrial Hose
Listed Manufacturer

GOODYEAR
ENGINEERED PRODUCTS

TRAINING

**SAFETY
FIRST**

CERTIFICATION

RELIABLE

SAFETY

**QUALITY
ALWAYS**

TESTING PERFORMANCE

TIPCO

THE TIPCO DIFFERENCE

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TIPCO TECHNOLOGIES is the largest stocking distributor in the Mid-Atlantic. Industries served include: Biotech, Pharmaceutical, OEM, Agriculture, Construction, Government, Plant Maintenance (MRO) and Petrochemical.

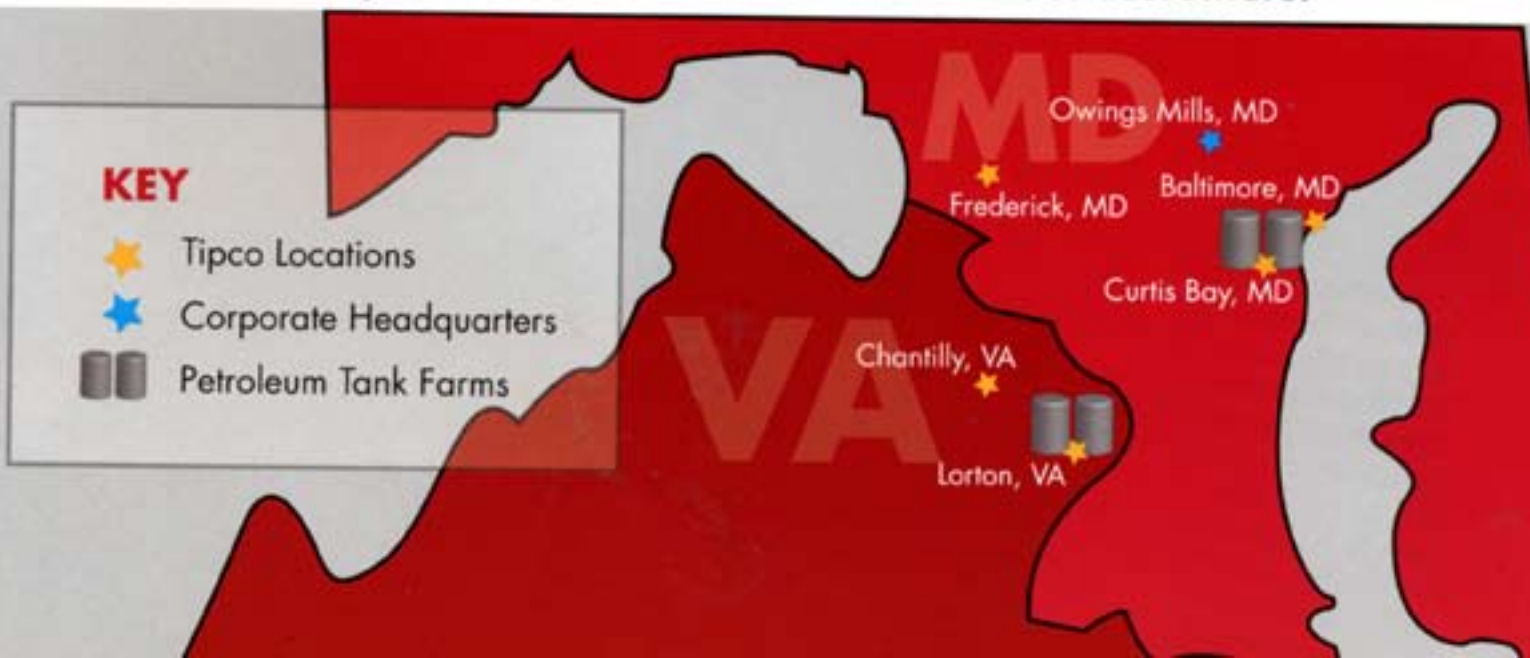
At TIPCO Technologies our most important product is our employees. Our customers can have a great deal of confidence in our ability to provide a safe and reliable hose assembly. TIPCO is respected and regarded as one of the leaders in the industry. We have been featured in *Industrial Distribution Magazine*, *Progressive Distributor Magazine*, *Eaton Times*, and many *National Association of Hose and Accessories (NAHAD)* newsletters.

Your people's safety is job #1. We comply with the National Association of Hose and Accessories Distribution Guideline for proper hose assembly procedure.



TIPCO
TECHNOLOGIES, INC.

TIPCO is proud to provide convenient locations for our customers:



SAFETY

PETROLEUM HOSES

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Kanaflex KAPOWER ST120LT Gasoline Drop Hose

Genuine Kanaflex ST120LT has been tested and proven for today's ever changing gasoline formulations including Ethanol, Naphtha, Kerosene, Light & Heavy Oil, Diesel, and up to 15% Gasohol. All Kanaflex Drop hoses are assembled with Domestic Cam & Groove Fittings and are attached with customer preferred aluminum crimp sleeves or traditional stainless steel bands. All hoses are tested for electrical continuity per NAHAD 500.5 specifications and all hoses are visually inspected per NAHAD 500 specifications.

TEMPERATURE RANGE
-30° F to 140° F

APPLICATION
Gasoline tank truck gravity drop hose for such items as Naphtha, Kerosene, Light & Heavy Oil, Diesel and up to 15% Gasohol.

CONSTRUCTION
Nitrile rubber, rigid PVC helix, synthetic braiding, smooth bore, static grounding wire, corrugated O.D.

FEATURES
Lightweight and flexible. External helix provides for easy drag. Rated for up to 40% aromatic content.

NOTE
Static wire must be properly imbedded during fabrication and tested to assure static grounding of hose to a ground system.



INSIDE DIAM. (in.)	OUTSIDE DIAM. (in.)	PITCH DIAM. (in.)	MIN. BEND RADIUS (72° F, in.)	WORKING PRESSURE (72° F, PSI)	VACUUM RATING (72° F, in./hg.)	WEIGHT (lbs./ft.)	STANDARD LENGTH (ft.)
2	2.68	.39	5.0	65	29.8	1.13	60,100
3	3.68	.59	6.0	65	29.8	1.37	60,100
4	4.82	.65	8.0	65	29.8	2.16	60,100

TIPCO
 TECHNOLOGIES, INC.
 TECHNICAL SUPPORT TESTED
 BY TAPCO OIL & GAS



GOODYEAR

SPIRAFLEX® POLYURETHANE Vapor Recovery Hose

Count on Goodyear Vapor Recovery Hose for your most demanding vapor recovery requirements. Whether at the loading racks or on your trucks, Goodyear Vapor hose is simply the best of the best. All Goodyear Vapor hoses are assembled, tested, and certified to NAHAD 500.5 electrical continuity tests and NAHAD 500 visual inspections. All Goodyear hoses are fabricated using domestic Cam & Groove Fittings and attached with customer-preferred aluminum crimp sleeves or traditional banding. Count on TIPCO Technologies, your UL Verified Goodyear STAR distributor for safety and quality.

NOMINAL ID		NOMINAL OD		WORKING PRESSURE		BEND RADIUS		WEIGHT	
(in.)	(mm.)	(in.)	(mm.)	(PSI)	(MPA)	(in.)	(mm.)	(lbs./ft.)	(kg/m.)
2	50.8	2.47	62.7	30	0.21	3	46	0.57	0.85
3	76.2	3.41	86.6	20	0.14	4	102	0.68	1.01
4	101.6	4.51	114.6	15	0.10	7	178	0.98	1.46

QUALITY

PETROLEUM HOSES

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GOODYEAR

PLICORD® FLEXWING® Petroleum

TEMPERATURE
-35° F to 200° F (-37° C to 93° C)

APPLICATION
For use in tank truck and in-plant operations to transfer gasoline, oil, ethanol blends and other petroleum based products up to 50% aromatic content. It is designed for pressure, gravity flow, or full-suction service.

CONSTRUCTION TUBE
Nitrile synthetic rubber RMA Class A (High Oil Resistance)

COVER
Black (red spiral stripe) or Red Chemivic® (white spiral stripe) synthetic rubber (oil resistant); smooth cover; wrapped finish

NOMINAL ID		NOMINAL OD		WORKING PRESSURE		BEND RADIUS		VACUUM HG		WEIGHT	
[in.]	[mm.]	[in.]	[mm.]	(PSI)	(MPa)	[in.]	[mm.]	[in.]	[mm.]	(lbs./ft.)	(kg/m.)
0.75	19.1	1.22	31.0	150	1.03	2	51	29	737	0.47	0.70
1	25.4	1.50	38.1	150	1.03	2	51	29	737	0.63	0.94
1.25	31.8	1.76	44.7	150	1.03	3	76	29	737	0.79	1.18
1.50	38.1	2.03	51.6	150	1.03	4	102	29	737	0.99	1.47
1.75	44.5	2.28	57.9	150	1.03	4	102	29	737	1.07	1.59
2	50.8	2.55	64.8	150	1.03	5	114	29	737	1.30	1.93
2.50	63.5	3.07	78.0	150	1.03	6	146	29	737	1.66	2.47
3	76.2	3.57	90.7	150	1.03	7	178	29	737	2.03	3.02
3.50	88.9	4.13	104.9	150	1.03	8	203	29	737	2.39	3.56
4	101.6	4.60	116.8	150	1.03	10	254	29	737	2.68	3.99
6	152.7	6.78	171.9	150	1.03	30	762	29	737	5.61	8.36

TIPCO

TECHNOLOGIES, INC.

TERRAPIN Tank Truck Hose Temp -20° F to 200° F

ITEM NUMBER	NOMINAL ID [in.]	NOMINAL OD [in.]	WORKING PRESSURE (PSI)	WEIGHT (lbs./ft.)
RTT32-025	1	1.38	150	0.47
RTT32-032	1.25	1.69	150	0.65
RTT32-038	1.50	2.00	150	0.92
RTT32-051	2	2.50	150	1.10
RTT32-063	2.50	3.00	150	1.55
RTT32-076	3	3.62	150	2.10
RTT32-102	4	4.65	150	2.80



GOODYEAR REDWING® Fuel Oil

TEMPERATURE
-40° F to 140° F (-40° C TO 60° C)

APPLICATION
Redwing® Fuel Oil is for transfer and delivery of fuel oil and petroleum products for home delivery, commercial and industrial service. Redwing® Fuel Oil has two textile braids. The braided construction reduces kinking and twisting when reeling. The smooth cover has low drag resistance.

CONSTRUCTION TUBE
Nitrile synthetic rubber (ORS)

COVER
Red Chemivic® synthetic rubber (smooth finish) (ORS)

ID		NOMINAL OD		WORKING PRESSURE		WEIGHT	
[in.]	[mm.]	[in.]	[mm.]	(PSI)	(MPA)	[lbs./ft.]	[kg./m.]
1	25.4	1.50	38.1	250	1.72	0.57	0.85
1.25	31.8	1.80	45.7	250	1.72	0.65	0.97
1.375	34.9	1.86	47.2	250	1.72	0.70	1.04
1.5	38.1	2.09	53.1	250	1.72	0.93	1.39



KURIYAMA 8793DH® Gasoline Drop Hose

TIPCO stocks Kuriyama Tigerflex Drop hose for customers that prefer a clear drop hose. All drop hoses are assembled with domestic Cam & Groove Fittings and are attached with customer-preferred aluminum crimp sleeves or traditional stainless steel bands. All hoses are fabricated by NAHAD tested fabricators and assembled in TIPCO's state of the art UL Verified Fabrication shop. All Kuriyama drop hoses are tested and certified per NAHAD 500.5 electrical continuity tests and visually inspected per NAHAD 500 guidelines.

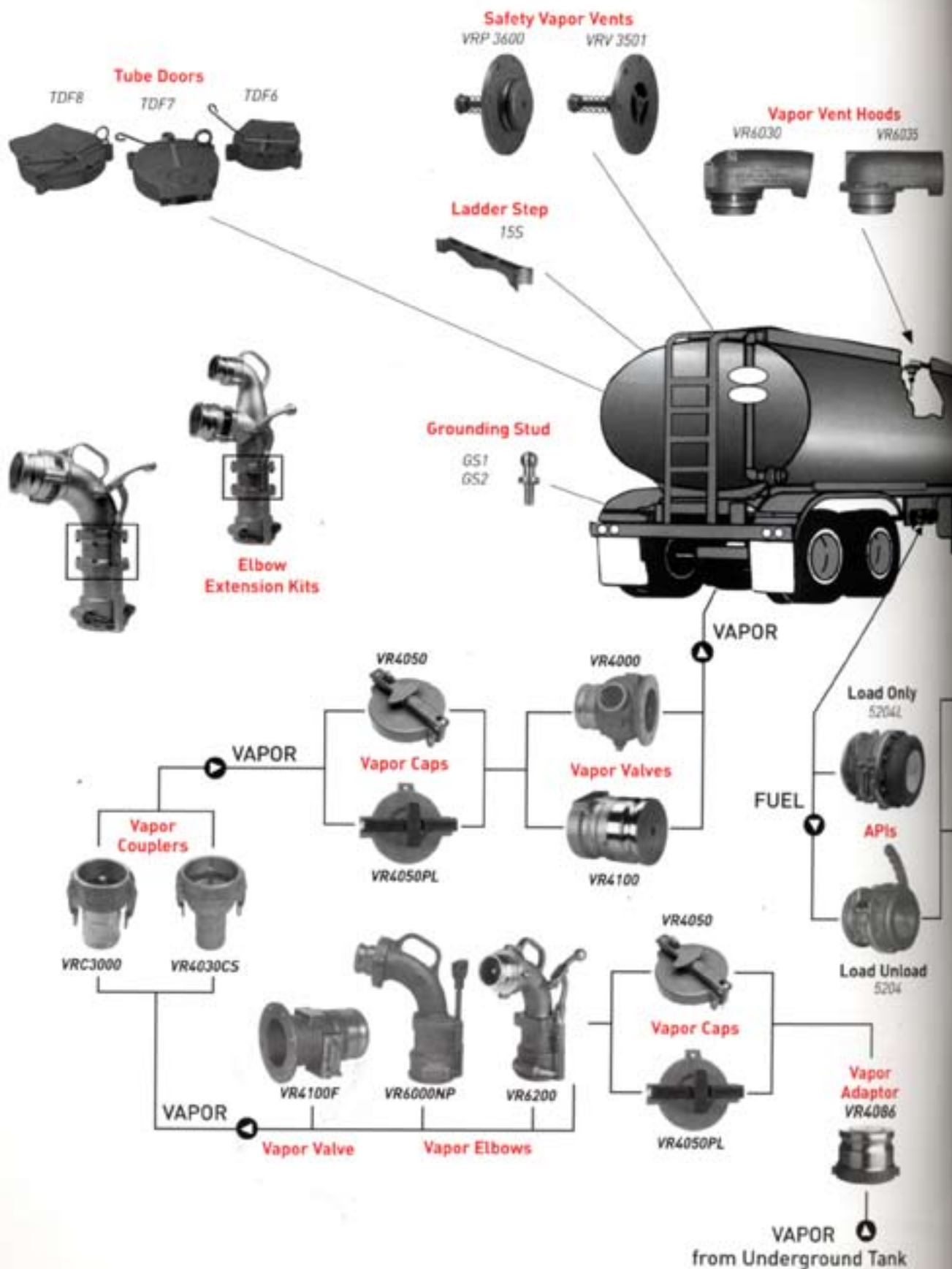
SERIES	NOMINAL ID	NOMINAL OD*	WORKING PRESSURE†	MIN. BENDING RADIUS	STANDARD LENGTHS	APPROX. WEIGHT
	[in.] [mm.]	[in.] [mm.]	[PSI @ 68° F]	[in. @ 68° F]	[ft.]	[lbs./ft.]
8793-303	3.03 76.9	3.70 93.9	65	6	20/57/100	1.10
8793-404	4.04 102.6	4.82 122.4	65	8	20/57/100	1.50

*Measured over balls. †Maximum constant pressure at 68° F. ‡Safety Factor 4:1

PETROLEUM TANKER PRODUCTS

civaconTM

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Air Interlocks



Aluminum TTMA Flanges

TF3AL
 TF4AL
 FG4540
 4443



TTMA Round Flange Gaskets

API Cap Assembly



FUEL

FUEL

6400/F
 6430/F

Elbow Inlets (6000 Series)



Top Seal Adapters



Locking Fill Caps



to Underground Tank

PERFORMANCE

CERTIFIED

DRY BULK & CHEMICAL HOSES

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BOSTON LYNX HD Softwall Dry Material

TEMPERATURE RANGE

-10° F to 150° F

TUBE

Natural Rubber/SBR Blend (1/4" tube thickness) Static Dissipating

REINFORCEMENT

Fiber, 2 Spiral

COVER

SBR

COLOR

Black

TYPE OF BRANDING

Printed Strip

WORKING PRESSURE

50 PSI (depending on coupling)

ITEM NUMBER	NOMINAL ID		NOMINAL OD		SPIRAL	WEIGHT PER 100 ft. (lbs./ft.)	WORKING PRESSURE (PSI)	STANDARD LENGTH (ft.)
	(in.)	(mm.)	(in.)	(mm.)				
H052164-100	4	101.6	4.8125	122.2	2	300	50	100
H052180-150	5	127.0	5.875	149.2	2	320	50	150

*MTO- Made to Order

BOSTON SABERTOOTH Dry Material

TEMPERATURE RANGE

-10° F to 160° F

TUBE

Natural Rubber/SBR Blend Static Dissipating

REINFORCEMENT

Fiber, 4 Spiral and Helical Wire

COVER

SBR

COLOR

Black

TYPE OF BRANDING

Printed Strip

TYPE OF COUPLING

Cam and Groove, or Combination Nipple. Clamps—Band

WORKING PRESSURE

100 PSI (depending on coupling)

SUCTION

Full Vacuum

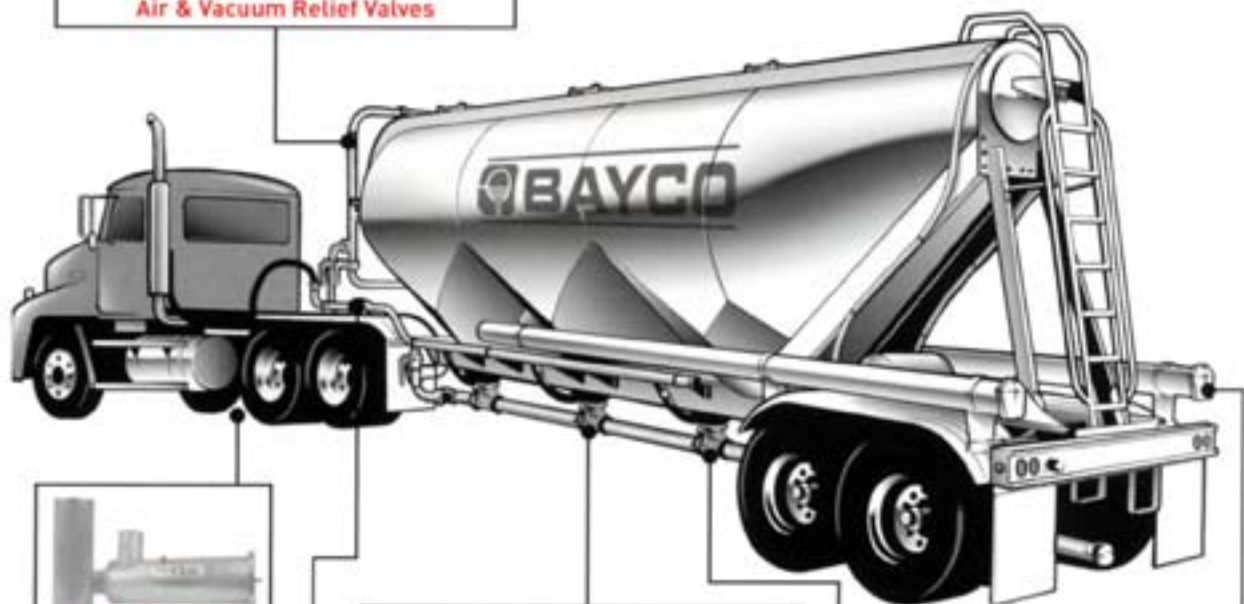
ITEM NUMBER	NOMINAL ID		NOMINAL OD		SPIRAL	WEIGHT PER 100 ft. (lbs./ft.)	WORKING PRESSURE (PSI)	MIN. BEND RADIUS		STANDARD LENGTH (ft.)
	(in.)	(mm.)	(in.)	(mm.)				(in.)	(mm.)	
H034748-100	3	76.2	4	101.6	4	320	100	9	228.6	100
H034764-100	4	101.6	5	127.0	4	440	100	11	279.4	100

DRY BULK PRODUCTS

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SAFETY

Dixon Bayco Dry Bulk products are designed for use with bulk trailers and truck blowers for the pneumatic transfer of dry bulk commodities such as powders, grains and plastic pellets. Other industrial applications are possible when pneumatic control of air or dry products is required.



TESTING & CERTIFICATION

Safety First-TIPCO is striving each day to bring the safest and best products to their customers. TIPCO requires all of its personnel to pass safety courses and fulfill certifications to make the best, safest products possible.

Your people's safety is job #1. We comply with the National Association of Hose and Accessories Distribution Guideline of proper hose assembly procedure. www.nahad.org

TIPCO personnel have passed NAHAD assembly guidelines specification tests to insure that your assemblies are fabricated to the highest of industry standards.

TIPCO employees have passed the following to ensure the safety and quality of **ALL** TIPCO products:

- NAHAD 700 Hydraulic Hose Assembly Specification Exam
- NAHAD 500 Industrial Hose Assembly Specification Exam
- Dixon Hose Workshop Phase I & II Aeroquip Fluid Conveying Products School

TIPCO
TECHNOLOGIES, INC.

QUOTE # _____

DATE _____

QUOTATION

ITEMS

ITEM NO.	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1	500.5.5 ELECTRICAL RESISTANCE TESTED ASSEMBLY MEETS NAHAD500VI GUIDELINES (VISUAL INSPECTION) PER NAHAD 500.5.6	1	100.00	100.00



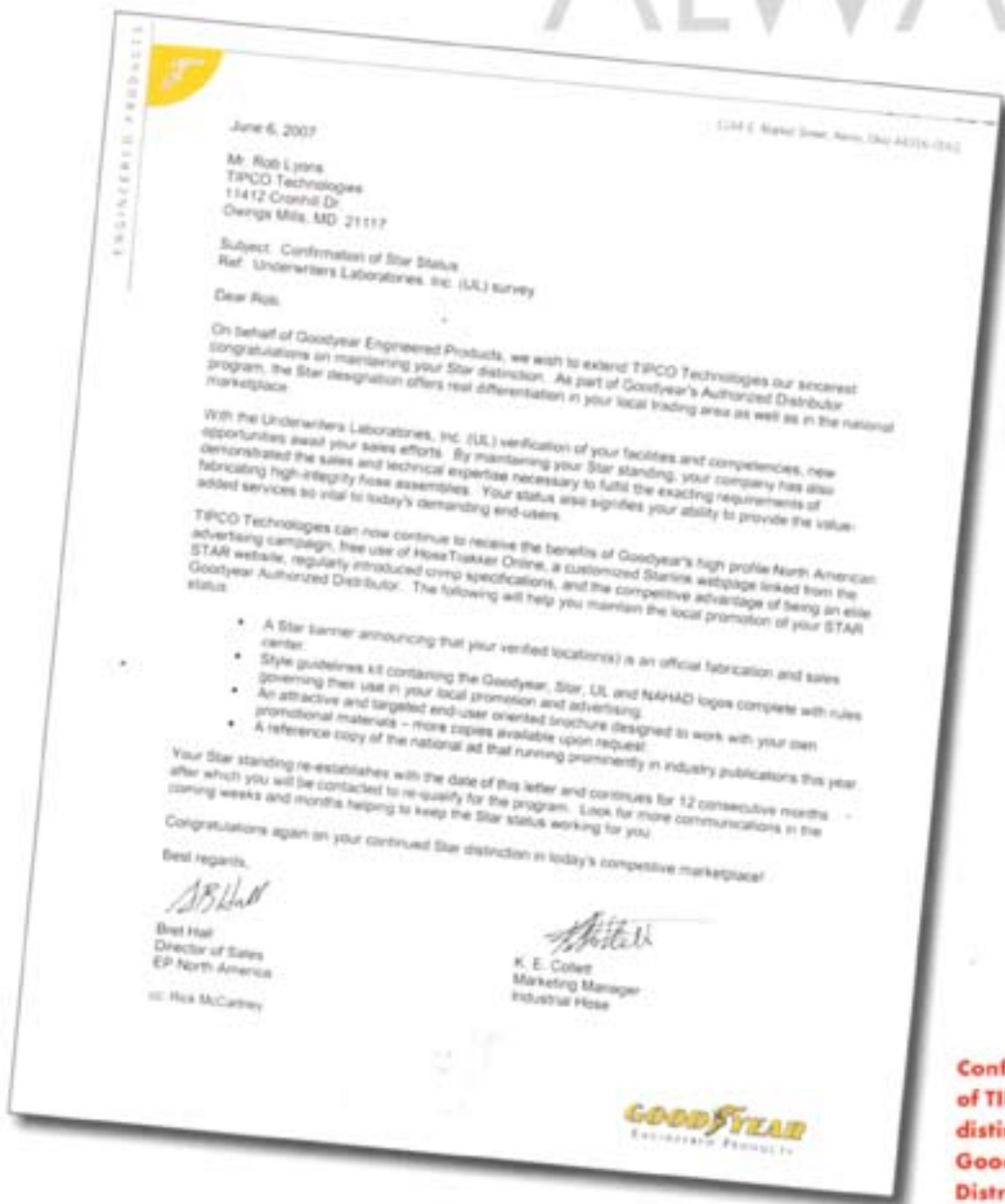
A comprehensive set of minimum performance recommendations for the design, fabrication and specification of industrial, composite, hydraulic, corrugated metal and fluoropolymer hose assemblies.

The National Association For Hose and Accessories Distribution (NAHAD) provides its Hose Assembly Guidelines products as training, reference and marketing resources designed to ensure safer, higher quality, more reliable hose assemblies. The Guidelines have been developed to assist hose assembly distributors, manufacturers and end-users by providing a basic set of performance factors related to the proper selection of components and recommendations for the design, fabrication and specification of hose assemblies.



TIPCO is also verified by **Underwriters Laboratories Inc. (UL)** for Goodyear Engineered Products and certified by EATON Aeroquip. TIPCO has earned the Goodyear Star distinction for the past three years. This earned award includes: Goodyear EP Star facility standards have been verified by Underwriters Laboratories Inc. (UL). TIPCO equipment, personnel and overall capabilities also meet the standards of the Goodyear EPStar program, as verified by **Underwriters Laboratories Inc. (UL)**.

ALWAYS



Confirmation Letter of TIPCO's Star Status distinction, part of Goodyear's Authorized Distributor program.

TIPCO

TECHNOLOGIES, INC.

EATON | Aeroquip
EXPRESSSM
HOSE CENTER



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CORPORATE HEADQUARTERS

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Owings Mills, MD 21117

410.356.0003
800.666.0303
410.363.2864 f

BRANCH LOCATIONS

4432-A North Point Blvd.
Baltimore, MD 21219
410.288.4836
410.288.4839 f

703 E. Ordnance Road
Suites 608 & 609
Baltimore, MD 21226
443.400.8480
443.400.8487 f

14140-Q Parke Long Court
Chantilly, VA 20151
703.222.0354
703.222.3626 f

8198-A Terminal Road
Suites 107 & 108
Lorton, VA 22079
703.436.3000
703.496.3007 f

4540 Mack Avenue
Frederick, MD 21704
301.831.4193
301.620.4158 f

Convenient Locations

TIPCO TECHNOLOGIES is the largest
stocking distributor in the Mid-
Atlantic with 6 convenient locations.

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PREMIER SUPPLIERS:

GOODYEAR
ENGINEERED PRODUCTS



GOODYEAR STAR HOSE DISTRIBUTOR

Kanaflex



The Right ConnectionSM

OPW Engineered Systems
A Division of OPW Global Technology Group



CIVAICON



PT Coupling Company, Inc.

TIPCO
TECHNOLOGIES, INC.

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