



A COMPLETE LIST
OF OUR HOSES AND COUPLINGS

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2019 TECHNICAL SPECIFICATIONS MANUAL



THE NAME YOU TRUST FOR
SERVICE AND QUALITY SINCE *1973*.

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Steelflex Ultra Hardwall

Gasoline Hose



Steelflex Ultra Hardwall
Gasoline Hose



APPLICATION:

A heavy Duty non-collapsible hardwall hose for dispensing gasoline, this construction has minimal cubical expansion Handles 50% aromatic hydrocarbons and unleaded gasoline.

TUBE:

Gasoline-resistant Nitrile.

REINFORCEMENT:

High-tensile Wire Braid.

COVER:

Black abrasion, oil and weather-resistant blend of Nitrile/PVC.

COUPLINGS:

Coupled to specifications with IRPCO curb pump hose couplings.

ALSO AVAILABLE IN:

* 5/8" red, green or yellow - 3/4" red, blue, green or yellow.

* 25% upcharge for colored hose

ID In.	OD In.	BRAID	W.P. PSI	WEIGHT Lb./Ft.
5/8"	1"	1Wire	50	.38
3/4"	1.13"	1Wire	50	.43
1"	1.36"	1Wire	50	.58



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Softwall 2 Braid

Gasoline Hose



APPLICATION:

A flexible lightweight softwall hose for dispensing gasoline. Good for 50% aromatic hydrocarbons and unleaded gasoline. Includes a static wire in all sizes.

TUBE:

Gasoline-resistant Nitrile.

REINFORCEMENT:

Braided high-tensile fiber with static wire.

COVER:

Black abrasion, oil and weather-resistant.

COUPLINGS:

Coupled to specifications with IRPCO curb pump hose couplings or sold in bulk.

ID In.	OD In.	BRAID	W.P. PSI	WEIGHT Lb./Ft.
1"	1 1/2"	2	50	.82

4 SP Softwall

Gasoline Hose

4 SP Softwall
Gasoline Hose



APPLICATION:

An economical flexible lightweight softwall hose for dispensing all types of gasoline and other petroleum products.

TUBE:

Gasoline-resistant Nitrile.

REINFORCEMENT:

Four synthetic textile spiral cords with static wire.

COVER:

Black abrasion, oil and weather-resistant blend of Nitrile/PVC.

COUPLINGS:

Coupled to specifications with IRPCO curb pump hose couplings or sold in bulk.

ID In.	OD In.	BRAID	W.P. PSI	WEIGHT Lb./Ft.
3/4"	1 9/64"	4 Spirals	50	.37
1"	1 1/2"	4 Spirals	50	.60

Flexsteel® Futura™

Ethan-ALL™ Gasoline Hose



APPLICATION:

Flexsteel® Futura™ Ethan-ALL™ dispensing hose assembly is for use in ethanol dispensing applications up to E85. This new assembly provides the quality Futurin™ cover with its superior ozone resistance along with a new premium layline. The tube construction meets the E25/E85 compatibility test requirements of UL87A.

TUBE:

Nitrile synthetic rubber.

REINFORCEMENT:

Wire braid.

COVER:

Futurin™ synthetic rubber with yellow stripe.

TEMPERATURE:

-40°F to 140°F

BRANDING:

Example:

3/4" cULus Continental® Flexsteel® Futura™ Ethan-ALL™ E85 559N Made in USA

ID In.	OD In.	W.P. PSI	WEIGHT Lb./Ft.
3/4"	1.13"	50	0.46

Flexsteel® Futura™

Low Perm Gasoline Hose



Flexsteel® Futura™
Low Perm Gasoline Hose

APPLICATION:	Flexsteel® Futura™ Low Perm dispensing hose offers superior, long-lasting service with multi-fuel capability. This hose is designed for use at filling stations to reduce permeation rates to 10 g/m ² /day and improve air quality and emissions.
TUBE:	Nitrile Synthetic Rubber with Fluorothermoplastics Barrier Layer.
REINFORCEMENT:	Single Wire braid.
COVER:	Futurin™ Synthetic Rubber.
PERMEATION:	Meets UL330 permeation limit of 10 g/m ² /day.
BRANDING:	Continental® 559N Made in USA 3/4" (19mm)  Flexsteel® Futura™ Low Perm (10 g/m ² /day) Gasoline Hose

Size In.	ID In.	OD In.	Working Pressure
3/4"	.720-.780"	1.115-1.165"	50 PSI

Chrome Brass

Hose Couplings



Chrome plated brass, internally expanded
Available in sizes to fit 5/8", 3/4" and 1".

Steelflex Ultra hardwall, two braid softwall
and four spiral softwall curb pump hoses.

Reusable style swivels available in all sizes.



All IRPCO couplings are available as components of cRUUS.

All IRPCO swivels have passed cRUUS 100,000 cycle test under pressure.

Please see our website at www.IRPCO.net for maintenance recommendations.



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Chrome Crimped

Hose Couplings

Chrome Crimped
Hose Couplings
CC



Chrome Plated cast zinc coupling attached by externally crimped **INTERLOCK** aluminum ferrules. Available in sizes to fit all curb pump hose styles and sizes. Large hex nut for easy wrenching. Crimped on swivel available in all sizes.



All IRPCO couplings are available as components of cRU[®] US.

All IRPCO swivels have passed cRU[®] US 100,000 cycle test under pressure.

Please see our website at www.IRPCO.net for maintenance recommendations.



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Fuel Loc

Hose Couplings



Un-plated, cast zinc coupling attached by externally crimped **INTERLOCK** Aluminum ferrules.
Available in sizes to fit all curb pump hose styles and sizes.
Crimped on swivel available for 5/8" and 3/4" only.
(Cast zinc fitting with improved machined threads.)



All IRPCO couplings are available as components of cRU[®] US.
All IRPCO swivels have passed cRU[®] US 100,000 cycle test under pressure.
Please see our website at www.IRPCO.net for maintenance recommendations.

Marina Refueling

Gasoline Hose

Marina Refueling
Gasoline Hose



APPLICATION:

For handling gasoline and diesel fuel for fueling all types of pleasure craft and commercial vessels.

TUBE:

Gasoline-resistant Nitrile.

REINFORCEMENT:

Braided synthetic fiber with static wire.

COVER:

Green or blue abrasion, oil and weather-resistant non-marking.

COUPLINGS:

Permanent couplings recommended. Coupled to specifications or bulk.

ID In.	OD In.	BRAID	W.P. PSI	WEIGHT Lb./Ft.
3/4"	1 3/16"	2	50	.55
1"	1 1/2"	2	50	.82



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N2700 Kemflex

Chemical Hose



APPLICATION:

Chemical transfer hose used in chemical plants or ship, barge & tank truck service. Tested by Colonial Chemical for use with DEF. The hose exhibited no damage as a result of the exposure and imparted no contaminants to the DEF test fluid.

ADVANTAGES:

- 1.** Handles almost every common chemical used in the chemical industry.
- 2.** Hose construction gives excellent bending radius.
- 3.** Full vacuum
- 4.** Can be open-end steam cleaned.
- 5.** Tube meets FDA requirements.
- 6.** Special designed EPDM cover for extremely good abrasion resistance.

TUBE:

Clear UHMWPE (*Ultra-High Molecular Weight Polyethylene*).

REINFORCEMENT:

Multiple high tensile textile braids with dual steel helix wire.

COVER:

Green black, red or blue, chemical, weather & ozone resistant EPDM.

STRIPE:

None

TEMPERATURE:

-40°F to 180°F

BRANDING:

Goodall N2700 Kemflex Chemical 200 PSI Max WP

ID In.	OD In.	MIN. BEND RADIUS	W.P. PSI	WEIGHT Lb./Ft.	STD LENGTH FT.
3/4"	1.28"	4"	50	.43	100'
1"	1.47"	5"	50	.58	100'
1 1/4"	1.72"	5.50"	50	.68	100'
1 1/2"	1.99"	6"	50	.80	100'
2"	2.51"	8.50"	50	1.09	100'
2 1/2"	3.13"	11.50"	50	1.51	100'
3"	3.62"	13.50"	50	1.97	100'
4"	4.69"	19.50"	50	2.64	100'

irpco DEF

Dispensing Hose

irpco DEF
Dispensing Hose



APPLICATION:	Specifically designed to convey the aqueous urea solution 32 (AUS 32), a clear 32.5% nitrogen solution of high-purity urea in deionized water.
TUBE:	EPDM synthetic rubber, peroxide cured, no zinc.
REINFORCEMENT:	Polyester braid.
COVER:	EPDM synthetic rubber, peroxide cured, no zinc.
TEMPERATURE:	-40°F to 257°F
PACKAGING:	Bulk, coupled assemblies.
BRANDING:	Continuous brand example: IRPCO DEF DISPENSING HOSE 3/4" (19.1mm) MADE IN USA
COUPLINGS:	304 stainless steel male pipe crimped couplings, stainless steel 1" BSPP female swivel or 3/4" BSPP male.

SIZE	ID In. mm	OD In. mm	WEIGHT Lb./Ft. Kg/m	BURST PSI BAR
3/4"	.75"	1.13"	.30Lb/Ft	1211
	19.1mm	28.8mm	.457 Kg/m	83.5



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DEF Hose

Couplings



Type 304 stainless steel crimped on couplings for 3/4" ID DEF dispensing hose.

Available thread styles are:

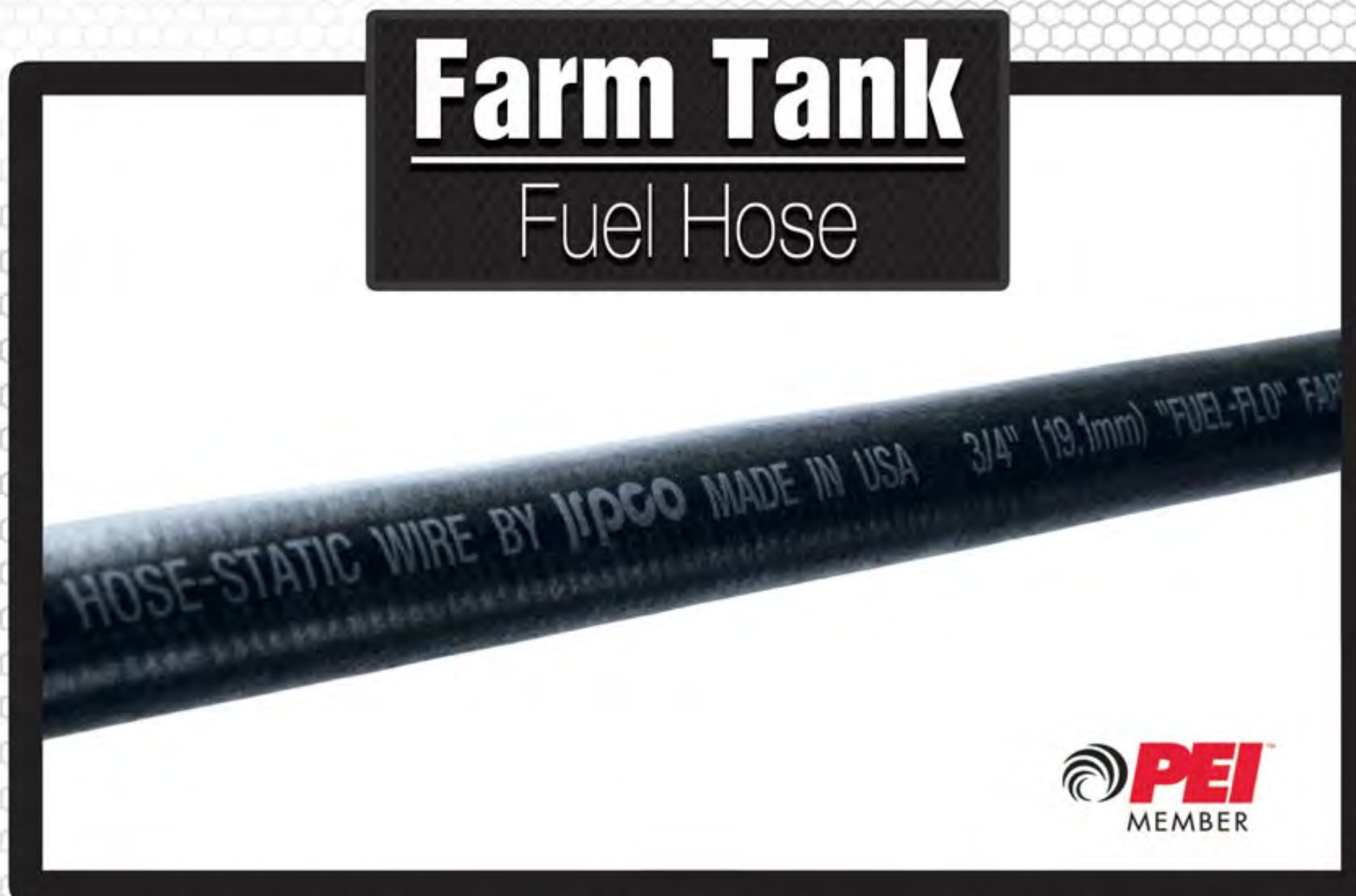
- 3/4" NPT male
- 3/4" BSPP male with peroxide cured EPDM gasket
- 1" BSPP female with peroxide cured EPDM gasket

*Available with stainless steel ferrules only.

Farm Tank

Fuel Hose

Farm Tank
Fuel Hose



APPLICATION:	A flexible hose for dispensing gasoline, kerosene or fuel oils by gravity feed or hand pumps.
TUBE:	Gasoline-resistant Nitrile.
REINFORCEMENT:	2 Synthetic Spiral Cord with static wire.
COVER:	Black abrasion, oil and weather-resistant Nitrile blend.
COUPLINGS:	Coupled with male NPT on each end. Coupled to specifications or bulk.

ID In.	OD In.	BRAID	W.P. PSI	WEIGHT Lb./Ft.
3/4"	1.10"	2 Spirals	50	.30
1"	1.44"	2 Spirals	50	.52

Premium Farm Pump

Fuel Hose

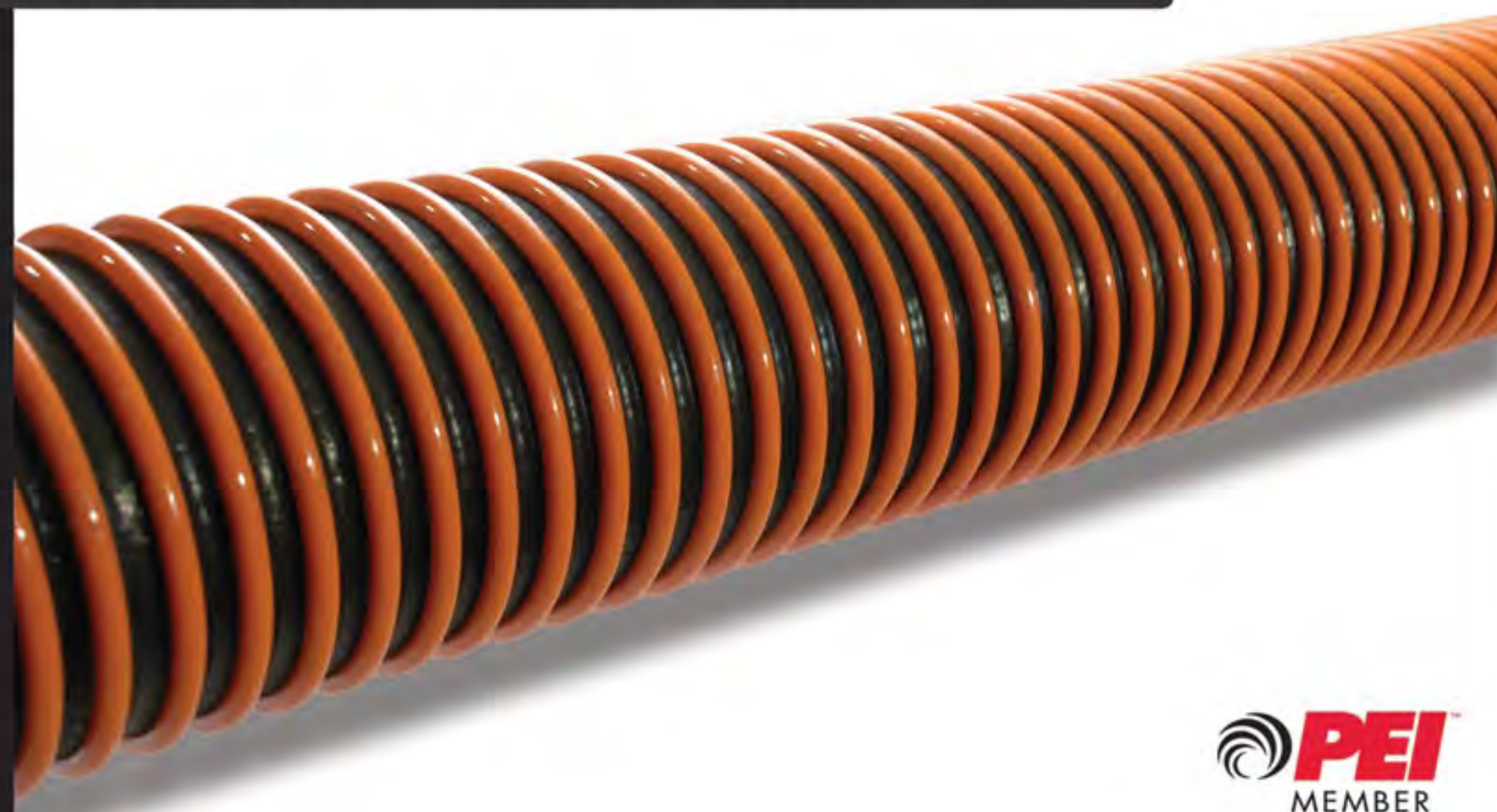


APPLICATION:	A premium hose for dispensing gasoline, kerosene or fuel oils by gravity feed, hand pumps, electric farm pumps or barrel pumps.
TUBE:	Gasoline-resistant Nitrile.
REINFORCEMENT:	2 Synthetic Spiral Cord with static wire.
COVER:	Black abrasion, oil and weather-resistant Nitrile blend.
COUPLINGS:	Coupled with male NPT on each end. Coupled to Specifications or bulk.

ID In.	OD In.	BRAID	W.P. PSI	WEIGHT Lb./Ft.
3/4"	1 1/8"	2 Spirals	50	.33
1"	1 1/2"	2 Spirals	50	.55

Kanapower ST 120 LT

Petroleum Transfer Hose



Kanapower ST 120 LT
Petroleum Transfer Hose

- APPLICATION:** Gasoline tank truck gravity drop hose for such items as naphtha, kerosene, light and heavy oil, and gasohol. Up to 15% ethanol mixture. Not for Biodiesel.
- TUBE:** Nitrile rubber, rigid PVC helix, synthetic braiding, smooth bore corrugated O.D with static wire.
- FEATURES:**
- Lightweight and flexible.
 - External helix provides for easy drag.
 - Rated for up to 40% aromatic content.
 - Available with static grounding wire.
- * **ST 120 LT NOTE:** Banding sleeves must be used for 3" and 4" sizes.
- TEMPERATURE:** -30°F to 140°F

ID In.	OD In.	BEND RADIUS	W.P. PSI	WEIGHT Lb./Ft.
2"	2.68"	5.0	65	1.13
3"	3.68"	6.0	65	1.37
4"	4.82"	8.0	65	2.16

Black FLEXWING

Petroleum Transfer Hose



- APPLICATION:** Plicord Flexwing Petroleum hose is used in tank truck and in-plant operations to transfer gasoline, oil and other petroleum base products up to 50% aromatic content. It is designed for pressure, gravity flow or full suction service.
- TUBE:** Nitrile synthetic rubber - High oil resistance.
- REINFORCEMENT:** Spiral plied synthetic fabric with wire helix.
- COVER:** Black Chemivic synthetic rubber (oil resistant) with spiral red stripe.
Smooth cover wrapped finish.
- TEMPERATURE:** -35°F to 200°F
- PACKAGING:** 100' Lengths
- *NOTE:** 1 1/2" thru 3" Stock

Vacume hg	ID IN.	OD IN.	MAX WP PSI	BEND RADIUS	WEIGHT Lb./Ft
29	1 1/4"	1.76"	150	3	.79
29	1 1/2"	2.03"	150	4	.99
29	2"	2.55"	150	5	1.30
29	2 1/2"	3.07"	150	6	1.66
29	3"	3.57"	150	7	2.03
29	4"	4.6"	150	10	2.68
29	6"	6.76"	150	30	5.61

RED FLEXTRA

Petroleum Transfer Hose



RED FLEXTRA
Petroleum Transfer Hose

APPLICATION:	For the transfer of ethanol blends of gasoline and other petroleum base products under pressure, gravity flow or full suction where maximum flexibility is needed.
TUBE:	Nitrile synthetic rubber (oil resistant).
REINFORCEMENT:	Spiral plied synthetic fabric with double wire helix.
COVER:	Red Wingprene, corrugated synthetic rubber (oil resistant) with white spiral stripe.
TEMPERATURE:	-30°F to 180°F
PACKAGING:	100' lengths

ID In.	OD In.	BEND RADIUS	W.P. PSI	WEIGHT Lb./Ft.
2"	2.38"	4	100	.83
2 1/2"	2.88"	5	100	1.09
3"	3.41"	6	100	1.41
4"	4.53"	9	100	2.23

RED FLEXTRA® 150

Petroleum Transfer Hose



- APPLICATION:** For the transfer of ethanol blends of gasoline and other petroleum base products under pressure, gravity flow or full suction where maximum flexibility is needed.
- TUBE:** Nitrile synthetic rubber (oil resistant).
- REINFORCEMENT:** Spiral plied synthetic fabric with double wire helix.
- COVER:** Red Wingprene, corrugated synthetic rubber (oil resistant) with blue spiral stripe.
- TEMPERATURE:** -30°F to 180°F
- PACKAGING:** 100' lengths

ID In.	OD In.	BEND RADIUS In.	W.P. PSI	WEIGHT Lb./Ft.
2"	2.52"	4"	150	1.18
3"	3.59"	6"	150	1.99
4"	4.61"	9"	150	2.66

FLEXWING Versafuel

Transfer Hose

FLEXWING Versafuel
Transfer Hose

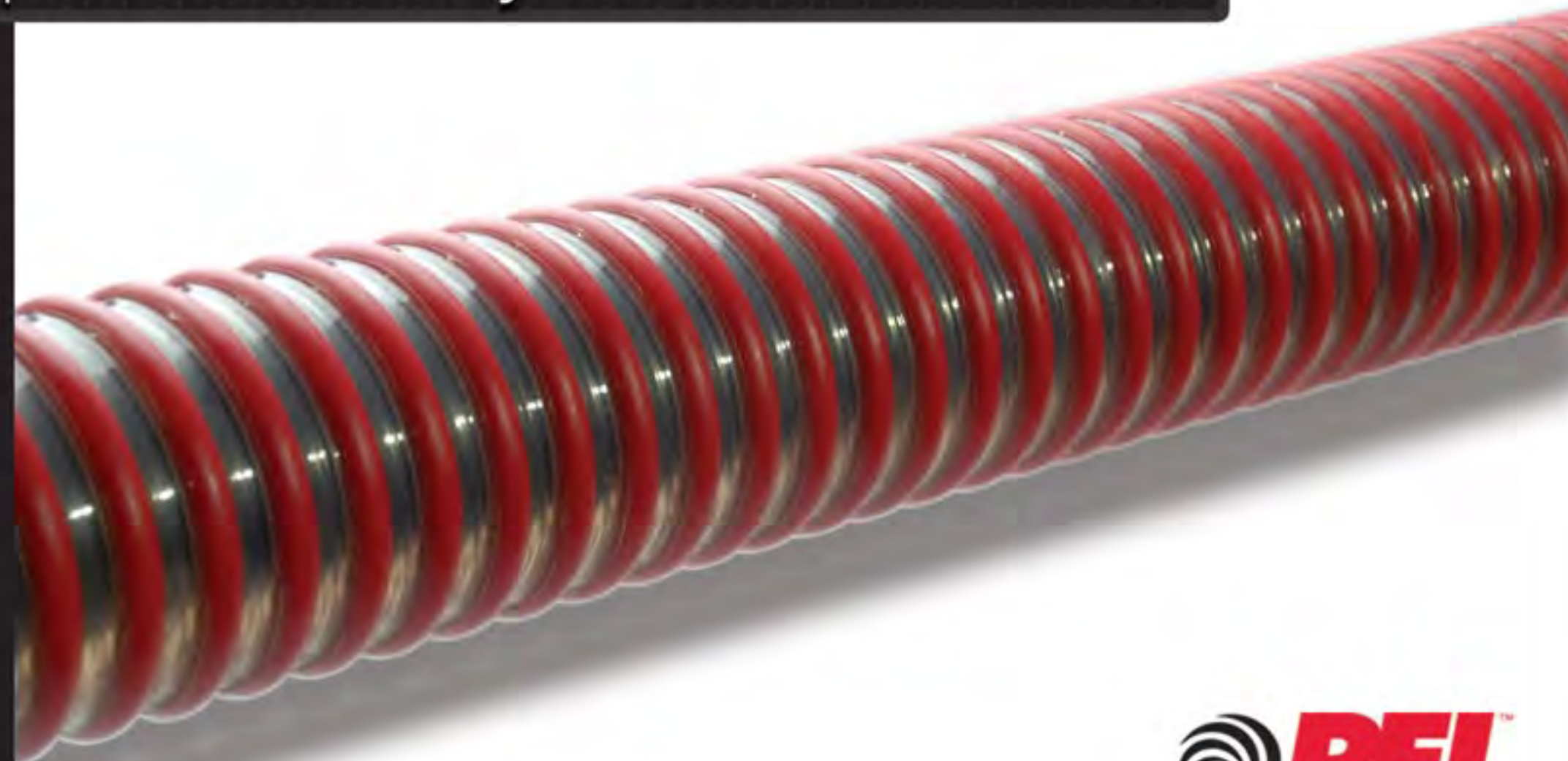


APPLICATION:	For use in tank truck and in-plant operation to transfer diesel, biodiesel blends, B-100, ethanol blends, gasoline, oil and petroleum base products up to 60% aromatic content.
TUBE:	Synthetic rubber (Static dissipating).
REINFORCEMENT:	Spiral plied synthetic fabric with wire helix.
COVER:	Black synthetic rubber with excellent resistance to biodiesel, ethanol, oil/petroleum products and abrasion.
TEMPERATURE:	-30°F to 180°F
PACKAGING:	100' Lengths

ID In.	OD In.	BEND RADIUS	W.P. PSI	WEIGHT Lb./Ft.
1"	1.50"	2"	150	.59
1 1/4"	1.77"	3"	150	.74
1 1/2"	2.03"	4"	150	.92
2"	2.55"	5"	150	1.21
2 1/2"	3.07"	6"	150	1.56
3"	3.58"	7"	150	1.94
4"	4.60"	10"	150	2.53

Spiraflex Polyurethane

Vapor Recovery Hose



APPLICATION:	For the recovery of gasoline vapors in tank truck loading at bulk terminals and in tank truck unloading at service stations.
TUBE:	Transparent Polyurethane.
REINFORCEMENT:	Red rigid Pliovic helix with static wire.
COVER:	Transparent Polyurethane.
TEMPERATURE:	-30°F to 150°F
PACKAGING:	100' lengths

ID In.	OD In.	BEND RADIUS	W.P. PSI	WEIGHT Lb./Ft.
2"	2.47"	3"	30	.57
3"	3.410"	4"	20	.68
4"	4.512"	7"	15	.98

Plicord (Continental)

Fuel Discharge Hose



Plicord (Continental)
Fuel Discharge Hose

APPLICATION:	Plicord Fuel Discharge hose is for the discharge of gasoline, oil and other petroleum based products in tank and industrial applications.
TUBE:	Nitrile synthetic rubber (oil resistant) plus antistatic wires.
REINFORCEMENT:	Spiral plied synthetic fabric (2" - 4" = 2 ply; 6" = 4 ply).
COVER:	Black Chemivic synthetic rubber class B (medium oil resistance).
TEMPERATURE:	-35°F to 180°F
PACKAGING:	150' lengths

ID In.	OD In.	W.P. PSI	WEIGHT Lb./Ft.
2"	2.49"	150	.98

Cam and Groove

Type Couplings



Cam and groove type couplers available in male and female styles to fit hoses ID's from 1" thru 4" in aluminum or stainless. Attached with two stainless steel bands on each end.



KC Nipple

Aluminum or Stainless Steel



KC Nipple in male pipe thread sizes 1" thru 4" available in aluminum or stainless steel.

irpco Fuel Oil

Transfer Hose



irpco Fuel Oil
Transfer Hose



APPLICATION:

Fuel Oil hose is for transfer and delivery of fuel oil and petroleum products for in home delivery, commercial and industrial service. Braided construction for reducing kinking and twisting when reeling.

TUBE:

Nitrile synthetic rubber (oil resistant).

REINFORCEMENT:

Braided (2) synthetic yarn.

COVER:

Red Chemivic synthetic rubber (smooth finish) (ORS).

TEMPERATURE:

-40°F to 180°F

PACKAGING:

Reels, cut lengths, coupled lengths.

ID In.	OD In.	W.P. PSI	WEIGHT Lb./Ft.
1"	1.50"	250	.57
1 1/4"	1.80"	250	.65
1 3/8"	1.88"	250	.70
1 1/2"	2.10"	150	.92



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Wingcraft Aircraft

Fueling Hose



- APPLICATION:** Wingcraft Aircraft Fueling hose is for fueling or de fueling commercial and private aircraft. It handles jet fuel and the higher aromatic aviation gasoline. Its high working pressure permits use in fuel cart hydrant service. Hose meets EI 1529-7th edition, 2014 and N.F.P.A. Bulletin #407 (2017 revision).
- TUBE:** Black Nitrile synthetic rubber.
- REINFORCEMENT:** Spiral plied synthetic fabric.
- COVER:** Black Wingprene (ORS) static dissipating / static conductive synthetic rubber.
- TEMPERATURE:** -35°F to 200°F

ID In.	OD In.	W.P. PSI	WEIGHT Lb./Ft.
1"	1.58"	300	.63
1 1/4"	1.89"	300	.84
1 1/2"	2.13"	300	.96
2"	2.72"	300	1.43
2 1/2"	3.22"	300	1.72
3"	3.70"	300	2.02
4"	4.8"	300	2.82

*Each length is coupled, hydrostatic tested to 600 psi and certification furnished with each hose.

Aircraft Fueling and Fuel Oil

Hose Couplings



Solid brass, internally expanded permanent couplings
available in solid male or swivel female styles.

Available to fit hoses with an
inside diameter of 1" thru 3".

L-83 Butane - Propane

Hose and Coupling



APPLICATION:

L-83 Butane-Propane hose is specifically designed for transferring liquefied propane gas from bulk storage tank cars, cylinders or from bobtail trucks to home storage tanks. The black cover resists oil, snagging and abrasion. This hose has been pin-pricked to permit gas diffusion. The cover is smooth, making it a driver's choice. This hose has multi-spiral, high tensile reinforcement providing maximum strength and flexibility. It is engineered for a minimum burst of 1750 pounds for the ultimate in safety. Note: Do not use reusable couplings with this product. This hose is intentionally pin-pricked for safety reasons. L-83 Butane-Propane hose must be used in an open, well-ventilated environment.

OIL RESISTANCE:

High, Medium-High.

COVER:

Black; CM, RMA Class B-3/4" & 1", NBR/PVC-1/4"-1/2".

TUBE:

NBR, RMA Class A.

REINFORCEMENT:

2 or 4 spiral polyester yarn.

TEMPERATURE:

-40°F to +180°F

PACKAGING:

Reels, *Coupled lengths D.O.T. test certificate included with assemblies.
Hose assemblies tested/approved to 7/1/99 D.O.T. regulations.

Product Number	Nominal I.D. (inches) (mm)	Nominal O.D. (inches) (mm)	Reinforcement Spirals	Working Pressure (psi) (Mpa)	Min Bend Radius (inches) (mm)	Weight (lb/ft) (Kg/m)
00667304600	1/4 6.35	.063 15.88	4	350 2.41	1.50 38.10	.14 .22
00667306600	3/8 9.53	.075 19.05	4	350 2.41	2.25 57.15	.18 .30
00667308600	1/2 12.70	.094 23.81	4	350 2.41	3.00 76.20	.29 .43
22074481662	3/4 19.05	1.25 31.75	4	350 2.41	4.50 114.30	.27 .61
22074641662	1 25.40	1.50 38.10	4	350 2.41	7.00 177.80	.58 .86

N372A Petroleum

Impact LPG Hose

N372A Petroleum
Impact LPG Hose



APPLICATION:	For transfer of LPG in bulk storage tanks and bulk truck service.
ADVANTAGES:	-High grade LPG resistant Nitrile tube. -High grade Neoprene cover. -Meets UL 21. -Cover is pin pricked. -Light and flexible. -Construction and compound quality gives excellent lifetime.
TUBE:	High grade black LPG resistant nitrile.
REINFORCEMENT:	Multiple braids of high tensile textile.
COVER:	Abrasion, weather & ozone resistant black neoprene.
STRIPE:	Blue spiral.
TEMPERATURE:	-40°F to 180°F
BRANDING:	Goodall MH8393 N372A RU LP Gas Hose issue No XXX 350PSI Max WP (2.4 MPa) date of mfg Q/Y embossed longitudinal.

ID In.	OD In.	MIN. BEND RADIUS	W.P. PSI	WEIGHT Lb./Ft.	STD LENGTH FT.
1 1/4"	1.88"	12"	350	.92	100'
1 1/2"	2.11"	14"	350	1.09	100'
2"	2.74"	16"	350	1.45	100'

Continental DEF

Transfer Hose

DEF TRANSFER HOSE 1 1/2" (38.1mm)



- APPLICATION:** Diesel Exhaust Fluid (DEF: aqueous 32.5% nitrogen solution of high-purity urea in deionized water) sometimes known simply as urea – is a key component of selective catalytic reduction (SCR) systems, which help diesel vehicles meet stringent emission regulations effective January 1, 2010. DEF is a liquid reducing agent that reacts with engine exhaust in the presence of a catalyst to convert smog-forming nitrogen oxides (NOx) into harmless nitrogen and water vapor.
- COVER:** Black EPDM
- TUBE:** Pliosyn™ Ultra-High Molecular Weight Polyethylene (UHMWPE) with proprietary backing. Tube tested per ISO 22241-2 immersion test at independent lab to confirm compatibility with DEF aqueous solution.
- REINFORCEMENT:** Spiral-plied synthetic fabric with double wire helix
- TEMPERATURE:** -40°F to +150°F
- PACKAGING:** 100-foot lengths
- BRANDING:** Continental ContiTech DEF Transfer Hose (Date Code) Made in Canada

I.D. (inches) (mm)	O.D. (inches) (mm)	Working Pressure (psi)	Bend Radius (inches) (mm)	Vacuum HG (inches)	WP (psi) (Mpa)
1 25.4	1.47 37.3	200	4 102	29	0.6 0.89
1.5 38.1	1.97 50	200	5 127	29	0.84 1.25
2 50.8	2.55 64.8	200	6 152	29	1.22 1.82
3 76.2	3.63 92.2	200	9 229	29	2.11 3.14



Flexsteel® Futura™ E25 Dispensing Hose



Flexsteel Futura
E25 Dispensing Hose

- APPLICATION:** Flexsteel® Futura™ E25 dispensing hose assembly is approved to UL330 / UL330A for use in dispensing applications up to E25.
- TUBE:** Nitrile synthetic rubber.
- REINFORCEMENT:** Single Wire braid.
- COVER:** Futurin™ synthetic rubber with orange stripe.
- TEMPERATURE:** -40°F to 140°F
- BRANDING:** Example:
Continental® ContiTech 3/4"  Flexsteel® Futura™ E25 Made in USA

ID		OD		W.P.		WEIGHT	
in	mm	in	mm	psi	MPa	lb/ft	kg/m
3/4	19.1	1.13	28.6	50	0.34	0.46	0.69



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For additional information
regarding hose specifications and delivery
please consult an IRPCO Hose Specialist.

Vanessa Moats
vmoats@irpco.net
or
Mandy Honeycutt
mhoneycutt@irpco.net



VISIT US ONLINE AT
www.IRPCO.net



OR CALL
toll free 877.624.1791 | fax 304.204.9101

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