







THE <u>NAME YOU TRUST</u> FOR <u>SERVICE AND QUALITY</u> SINCE *1973*.

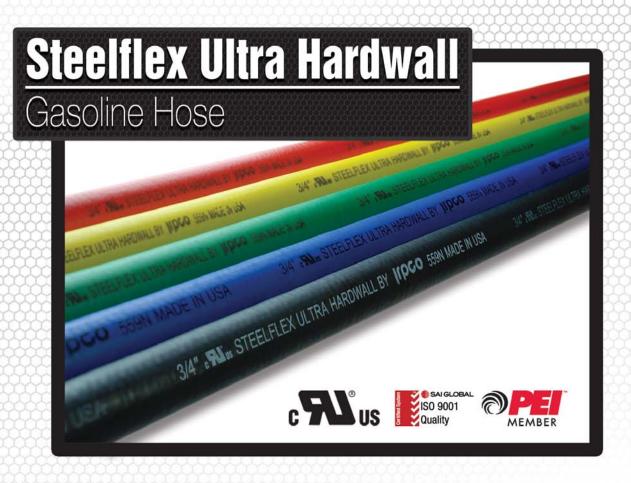
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29.

Flexsteel® Futura™ E25 Dispensing Hose **Transfer 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-tensil 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





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





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





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" c Sus Continental® Flexsteel® Futura™ Ethan-ALL™ E85 559N Made in USA

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



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/m²/day.

BRANDING: Continental® 559N Made in USA 3/4" (19mm) N Flexsteel® Futura™ Low Perm (10 g/m^2/day) Gasoline Hose

Size	ID	OD	Working
In.	In.	In.	Pressure
3/4"	.720780"	1.115-1.165"	



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 Land Street and Street and



Chrome Crimped







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.









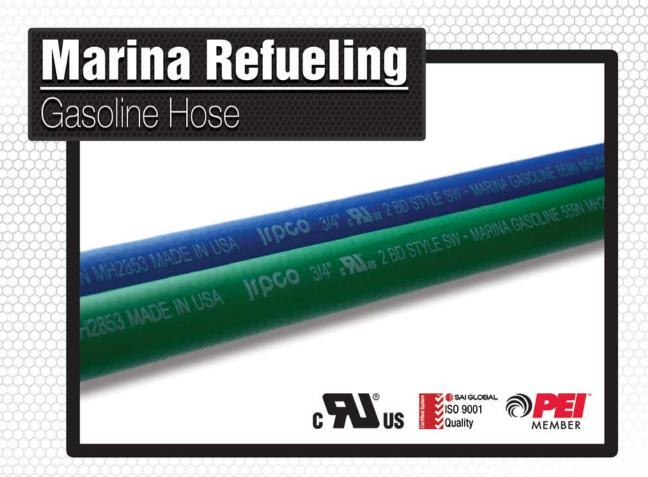
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All IRPCO couplings are available as components of Land Street and Street and





APPLICATION: For handling gasoline and diesel fuel for fueling all types of pleasure craft and

commercial vessels.

TUBE: Gasoline-resistant Nitrile.

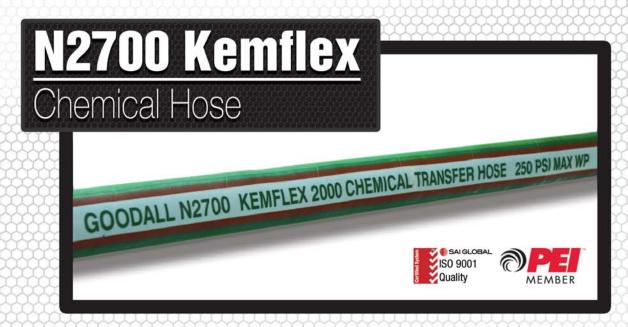
REINFORCEMENT: Braided synthetic fiber with static wire.

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





APPLICATION:

ADVANTAGES:

TUBE:

REINFORCEMENT:

COVER: STRIPE:

TEMPERATURE:

BRANDING:

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 contaminates to the DEF test fluid.

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.

Clear UHMWPE (*Ultra-High Molecular Weight Polyethylene*). Multiple high tensile textile braids with dual steel helix wire.

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

None

-40°F to 180°F

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'





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





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.





APPLICATION: A flexible hose for dispensing gasoline, kerosene or fuel oils by gravity feed

or hand pumps.

TUBE: Gasoline-resistant Nitrile.

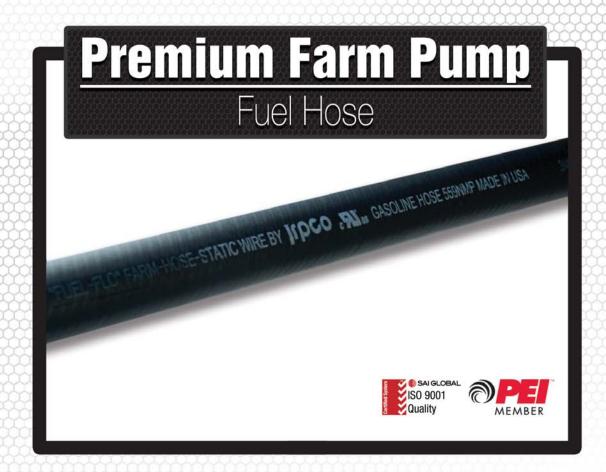
REINFORCEMENT: 2 Synthetic Spiral Cord with static wire.

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



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"	11/8"	2 Spirals	50	.33
1"	1 1/2"	2 Spirals	50	.55



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





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

Vaccume 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" 2.55" 15		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



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





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



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"	2 1/2" 3.07"		150	1.56	
3"	3.58"	7"	150	1.94	
4"	4.60"	10"	150	2.53	





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





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	OD	W.P.	WEIGHT
In.	In.	PSI	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.





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





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.





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".





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	Nomin (inches		Nomina (inches		Reinforcement Spirals	Working (psi)	Pressure (Mpa)	Min Bend (inches)		We (lb/ft)	ight (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





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'





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.I	I.D. O.D. (inches) (mm)		9		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





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" c Sus Flexsteel® Futura™ E25 Made in USA

1	ID		OD		W.P.		GHT
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



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

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