

# Industrial Hose Products

*PRB 4800-Petroleum*

**Petroleum**

**Your Job. Our Hose.**



**Parker**

# Your Job. Our Hose.

## VAPOR RECOVERY AND GASOLINE DISPENSER PRODUCT OVERVIEW AND TYPICAL APPLICATIONS

### Series 7246BVX 3/4"

For all inverted vacuum-assisted dispensers

### Series 7253BVD 7/8"

For all inverted vacuum-assisted dispensers

### Series 7574BTN

Without Venturi Device

### Series 7574BTF

With Venturi Device

Required for compliant Environmental Protection Agency (EPA) Stage II vapor recovery gasoline dispensers

### Series 7114 5/8" – 1"

Used in gasoline pump applications that do not require hardwall hose

### Series 7124 5/8" – 1"

High quality wire braid hose for use anywhere hardwall construction is required

### Series 7280 5/8" – 1"

Premium heavy duty hardwall construction gasoline pump hose



Ensuring a longer life and fewer replacements, these vapor recovery hose systems and gasoline dispenser hose products reflect the high quality and service inherent to the Parker name. Featuring our unique swivel system, Parker fuel dispensing hose assemblies ensure effortless ease of movement time after time.



**PARKER INDUSTRIAL HOSE PRODUCTS OFFERS A COMPLETE LINE OF VAPOR RECOVERY AND GASOLINE DISPENSER HOSE ASSEMBLIES, COMPRISING PRODUCTS THAT ROUTINELY OUTPERFORM OTHER HOSE PRODUCTS.**

Why choose Parker Industrial Hose Products? With a Parker industrial hose assembly, you're guaranteed end-to-end quality from the hose to the fitting. Each component is part of our **Safe Hose System**—specifically designed for the application at hand. So you can count on long life and an economical hose product that won't cost you downtime. It's right from the start.

To service our customers, we provide a worldwide network of knowledgeable Parker petroleum equipment distributors. In addition, our technical sales representatives will provide the training and expertise you need to remain competitive in today's environment.



## WARNING

There are millions of consumers operating gasoline pumps daily, which is a tremendous safety concern for station operators and equipment suppliers. Gasoline pump hoses in particular are subject to frequent abuse by daily wear and tear. Hose selection must include consideration of the amount of use and abuse it must withstand during its service life. Only the highest quality, thoroughly tested, **UL approved hose assembly** must be selected for that service. The proper hose plus constant inspection is the best protection against user accidents.

Note that when selecting a gasoline dispensing hose, ensure the hose is compliant with the NFPA 30A Fuel Dispensing Systems, section 6.5.1 which states "**Listed hose assemblies** shall be used to dispense fuel." This means that your gasoline dispenser hose must be **Assembly Approved** to be compliant with the NFPA 30A.

**DO NOT USE GASOLINE PUMP HOSE FOR FUELING OF AIRCRAFT.**

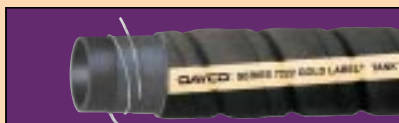
For the name of the Parker distributor nearest you, call 1-800-C-PARKER.



### Chemical Transfer

**Description:** For suction and discharge of chemicals in production or transport applications.

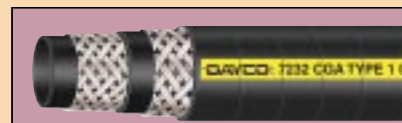
- 7274/7276 - Poly-Chem
- 7373 - Blue Thunder



### Petroleum Transfer

**Description:** For suction and discharge of petroleum in production or transport applications.

- 7222/7223 - Gold Label
- 7216/7217 - Translite
- 7224/7225 - Fuel Discharge
- 7290 - Hot Tar & Asphalt



### LPG (Propane)

**Description:** For transfer of LPG liquid or vapor.

- 7132 - Bobtail Delivery
- 7232 - Transport
- 7231 - Transport
- 7170 - Flexible Connectors



### Petroleum Dispensing

**Description:** For dispensing of petroleum products.

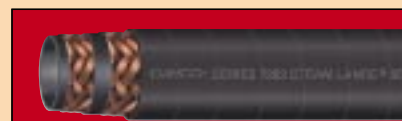
- 7124 - Super-Flex 2000
- 7114 - Soft-Flex 2000
- 7280 - Flexever 2000
- 7574 - Balanced VR
- 7246 - 3/4" Active VR
- 7253 - 7/8" Active VR



### Welding

**Description:** For welding and cutting operations with oxygen and most fuel gases.

- 7109 - Twin Grade T
- 7110 - Twin Grade RM
- 7126 - Twin Grade M
- 7141/7142 - Single Grade T
- 7120/7121 - Single Grade M
- 7293 - Oxygen Charging



### Steam

**Description:** For high pressure transfer of steam (up to 250 psi).

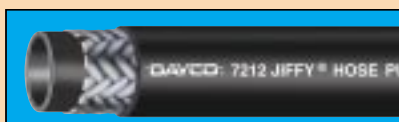
- 7263/7264 - EPDM
- 7286/7287 - Butyl
- 7288/7289 - EPDM tube, oil resistant cover
- 7250/7204 - Oil resistant



### Air, Water & Multi-Purpose

**Description:** For transfer and clean up in food processing facilities.

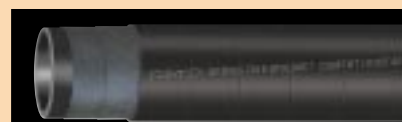
- 7092 - GST II, EPDM tube & Cover
- 7094 - MPT II, Oil Resistant
- 7257 - Day-Flo Water Suction
- 7306 - Day-Flo Water Discharge
- 7107 - Grizzly
- 7268 - Stinger Mine Spray



### Jiffy®

**Description:** An oil-resistant hose for use with air tools, water, mild chemicals and various petroleum products. Special braid angle for quick and secure coupling retention.

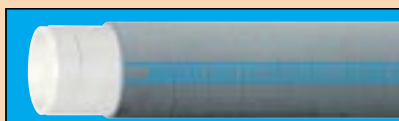
- 7212 - Jiffy (Offered in Black, Blue, Gray, Green and Red)
- 7161 - Jiffy Flex™ 250 (non-conductive)



### Material Handling

**Description:** For transfer of abrasive materials.

- 7218 - Drilline Cement
- 7238 - Plaster & Concrete
- 7363 - Super-Flex
- 7393 - Rock Dust
- 7244 - Sand Blast - 4 Ply
- 7245 - Sand Blast - 2 Ply



### Food Handling

**Description:** For transfer and clean up in food processing facilities.

- 7304 - NBR Discharge (250 psi)
- 7305 - Butyl S&D (150 psi)
- 7310 - NBR S&D (150 psi)
- 7079 - ECW Washdown
- 7080 - HDW Creamery Washdown
- 7360 - Wildcatter Washdown



### Anhydrous Ammonia

**Description:** For high pressure transfer of Anhydrous Ammonia up to 350 psi.

- 7262 - Nylon Reinforced
- 7261 - Stainless Reinforced



## Series 7246BVX

### Series 7246BVX FLEX-EVER ULTIMATE™ VR

#### Active Vapor Recovery System

Series 7246 Flex-Ever is the ultimate **3/4 in. hose** for all vacuum-assisted dispensers. It's lightweight and flexible, with a swivel end coupling design for easier handling and longer life. The kink resistant outer hose protects the inner hose. Flex-Ever's crimped-on 5/16 in. inner vapor line provides proper vapor flow levels and maximum coupling retention. The entire system is formulated to withstand oxygenated and blended fuels, in addition to being 100% factory tested for pressure and conductivity. UL listed, CARB, Cal-OSHA, California Weights and Measures, and State Fire Marshall approved.

#### 4:1 Design factor

- Tube:** Black Nitrile  
Special Grade Nylon - Inner Vacuum Line
- Cover:** Black Hypalon, wrap impression
- Reinforcement:** High tensile textile braids and helix wires
- Temp. Range:** -40° F to +180° F
- Branding:** PARKER/DAYCO SERIES 7246 FLEX-EVER ULTIMATE VR ACTIVE VAPOR RECOVERY STEEL HELIX REINFORCED UL LISTED 30N4 MH13583 VAPOR RECOVERY FLAMMABLE LIQUID HOSE ASSEMBLY MADE IN USA DE2 3/97 CARB APPROVED
- Brand Description:** White Ink - White letter color

Part No.	ID (in.)	ID (mm)	Reinf. Braids	OD (in.)	OD (mm)	Approx. Wt. Per 100 Ft.	Min. Bend Radius	Max. Rec. WP
7246BVX-***	3/4	19.1	2	1.172	29.8	45.2	3.0	150

**IMPORTANT: REFER TO THE SAFETY AND TECHNICAL DATA INFORMATION SECTION FOR THE PROPER USE OF THIS HOSE.**

**NOTICE: Refer to warning on Page 2.**

- Lengths:** Assembled to order only - \*\*\* add length in inches.
- Couplings:** Special metric M34 threads.  
BVX = Rigid by Swivel.  
BVXS = Swivel each end.

## IMPORTANT

**Refer to the Safety and Technical Data Information Section in Catalog 4800 for the proper use of this hose.**

## Series 7253BVD



### Series 7253BVD FLEX-EVER ULTIMATE II VR Active Vapor Recovery System

Series 7253 Flex-Ever is the ultimate **7/8 in. hose** for all inverted vacuum-assisted dispensers. It's lightweight and flexible, with a frictionless swivel coupling design for easier handling and longer life. The rugged, kink resistant outer hose protects the inner hose. Flex-Ever's crimped-on 5/16 in. inner vapor line provides proper vapor flow levels and maximum coupling retention. The entire system is formulated to withstand oxygenated and blended fuels. All 7253 assemblies are 100% factory tested for pressure and conductivity ratings. UL, CARB, Cal-OSHA, California Weights and Measures, and State Fire Marshall approved.

#### 4:1 Design factor

- Tube:** Black Nitrile  
Special Grade Nylon - Inner Vacuum Line
- Cover:** Black Hypalon, wrap impression
- Reinforcement:** High tensile textile braids and helix wires
- Temp. Range:** -40° F to +180° F
- Branding:** PARKER/DAYCO SERIES 7253BVD FLEX-EVER ULTIMATE II VR ACTIVE VAPOR RECOVERY STEEL HELIX REINFORCED UL LISTED 30N4 MH13583 VAPOR RECOVERY
- Brand Description:** Ink Brand - White Letter Color

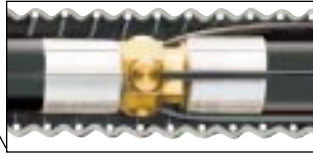
Part No.	ID (in.)	ID (mm)	Reinf. Braids	OD (in.)	OD (mm)	Approx. Wt. Per 100 Ft.	Min. Bend Radius	Max. Rec. WP
7253BVD-***	7/8	22.2	2	1.301	54.3	54.3	3.0	150

**NOTICE: Refer to warning on Page 2.**

- Lengths:** Assembled to order only - \*\*\* add length in inches.
- Couplings:** Special metric M34 threads.



**Series 7574BTN  
WITHOUT VENTURI DEVICE**  
**Series 7574BTF  
WITH VENTURI DEVICE**



**Petroflex™ 2000  
Balance Vapor Recovery Hose -  
UL330/CARB**

This specially designed system, a hose within a hose, is required for compliant Environmental Protection Agency (EPA) Stage II vapor recovery gasoline dispensers. The lightweight, flexible, and easy to handle hose, weighs about the same as a conventional 3/4 in. hose. The couplings mate with all Balance Vapor Recovery dispensers and nozzles. UL and California Air Resources Board (CARB) approved. Covered by one or more U.S. patents and pending applications. Refer to CARB's Executive Orders for hose and dispenser applications.

**4:1 Design factor**

Part No.	Inner Hose ID (in.)	Inner Hose ID (mm)	Inner Reinf. Braid	Outer Hose ID (in.)	Outer Hose ID (mm)	System OD (in.)	System OD (mm)	Approx. Weight Per Ft.	Max. Recom. WP (PSI)
7574BTN-**	5/8	15.9	1	1 1/2	38.1	1.700	43.2	.5 lbs.	150
7574BTF-**	5/8	15.9	1	1 1/2	38.1	1.700	43.2	.5 lbs	150

\*\*inches of length

**Inner Hose**  
**Tube:** Black Synthetic Rubber  
**Cover:** Black Synthetic Rubber  
**Reinforcement:** One textile braid with static wire

**Outer Hose**  
**Tube:** Black TPR  
**Cover:** Black TPR  
**Reinforcement:** Helix wire encapsulated in TPR

**NOTICE: Refer to warning on Page 2.**

**Lengths:** Assemblies only.  
**Couplings:** Special PETROFLEX vapor recovery couplings 1 7/8 in. -12UN-2A threads- no maintenance required.  
**Clamps:** Special Parker/Dayco retractor cable hose clamp 7658-0017.

**Series  
7574BTN  
7574BTF**

**IMPORTANT**

**Refer to the Safety and Technical Data Information Section in Catalog 4800 for the proper use of this hose.**

**NOTICE: Refer to warning on Page 2.**

**Lengths:** Random lengths on reels for 5/8 in. & 3/4 in., in cartons for 1 in. Also available in assemblies.  
**Couplings:** Only assemblies are available from Parker/Dayco – no individual coupling sales.

**Series  
7114**



**Series 7114  
SOFT-FLEX® 2000  
Gasoline Pump Hose - UL330/ULC**

SOFT-FLEX® 2000 hose is a quality softwall gasoline pump hose used in applications that do not require a hardwall hose. The multiple spiral reinforcement provides increased strength over one or two braid hose without sacrificing flexibility or ease of handling. The Hypalon cover is highly resistant to cuts, abrasion, sun and weather, and will not scratch or mark vehicle finish. SOFT-FLEX® 2000 hose is for use with diesel; leaded, unleaded and oxygenated gasoline products.

**4:1 Design factor**

**Tube:** Black Nitrile  
**Cover:** Black Hypalon  
**Reinforcement:** Multiple textile spirals with static wire  
**Temp. Range:** -40° F to +180° F  
**Branding:** PARKER/DAYCO SERIES 7114  
SOFT-FLEX® 2000 GASOLINE HOSE 4SP  
UL LISTED 655N MH530 MADE IN USA  
(DATE CODE)

**Brand Description:** Ink Brand - White letter color

Part No.	ID (in.)	ID (mm)	Reinf. Spirals	OD (in.)	OD (mm)	Approx. Wt. Per 100 Ft.	Min. Bend Radius	Max. Rec. WP
7114-63154	5/8	15.9	4	0.960	24.4	26	5.0	150
7114-75154	3/4	19.1	4	1.100	27.9	32	6.0	150
7114-100154	1	25.4	4	1.360	34.5	42	8.0	150

## Series 7280 FLEX-EVER™ 2000

### Gasoline Pump Hose - UL330/ULC

Premium gasoline dispenser hose. The dual helical wires of the heavy duty hardwall construction eliminates meter creep and helps prevent kinking. The Hypalon cover provides excellent ozone and abrasion resistance, resulting in longer service life. For use with gasohol blend, diesel, leaded, unleaded and oxygenated gasoline products. All assemblies are pressure and electrical conductivity tested per UL330 specifications. Blue, Green, Red and Yellow covers available on quotation.

#### 4:1 Design factor

**Tube:** Black Nitrile  
**Cover:** Black Hypalon  
**Reinforcement:** Multiple textile braids with dual helix wire  
**Temp. Range:** -40° F to +180° F  
**Branding:** PARKER/DAYCO SERIES 7280  
 FLEX-EVER™ 2000 GASOLINE HOSE  
 (UL) LISTED 655N MH530 (ULC)  
 MADE IN USA DE2 (DATE CODE)  
 PN16 TRbF131T.2  
**Brand Description:** Tape Brand - White letter color

**NOTICE: Refer to warning on Page 2.**

**Lengths:** Random lengths on reels and assemblies.  
**Couplings:** Only assemblies are available from Parker/Dayco – no individual coupling sales.



## Series 7280

Part No.	ID (in.)	ID (mm)	Reinf. Braids	OD (in.)	OD (mm)	Approx. Wt. Per 100 Ft.	Min. Bend Radius	Max. Rec. WP
7280-632	5/8	15.9	2	1.031	26.2	38	3.0	150
7280-752	3/4	19.1	2	1.172	29.8	45	4.0	150
7280-1002	1	25.4	2	1.453	36.9	60	5.0	150

Refer to the Safety and Technical Data Information Section in Catalog 4800 for the proper use of this hose.

**IMPORTANT**

## Series 7124 SUPER-FLEX® 2000

### Gasoline Pump Hose - UL330/ULC

SUPER-FLEX® 2000 is a high quality wire braid hose for use anywhere a hardwall hose is required. The single wire braid construction provides static conductivity, increased hose strength, resistance to crushing, and a long service life. The SUPER-FLEX® 2000 is usable on reeling devices or applications where retractable cables are required to handle diesel, leaded, unleaded, and oxygenated gasoline products. The Hypalon cover is highly resistant to cuts, abrasion, sun, weather, and will not scratch or mark vehicle finish.

#### 4:1 Design factor

**Tube:** Black Nitrile  
**Cover:** Black Hypalon  
**Reinforcement:** One wire braid  
**Temp. Range:** -40° F to +180° F  
**Branding:** PARKER/DAYCO USA 7124  
 SUPER-FLEX® 2000 GASOLINE HOSE (UL) LISTED 655NMH530 (DATE CODE)  
**Brand Description:** Ink Brand - White letter color

**NOTICE: Refer to warning on Page 2.**

**Lengths:** Random lengths on nominal 500 ft. reels and assemblies.  
**Couplings:** Only assemblies are available from Parker/Dayco - no individual coupling sales

## Series 7124



Part No.	ID (in.)	ID (mm)	Reinf. Braid	OD (in.)	OD (mm)	Approx. Wt. Per 100 Ft.	Min. Bend Radius	Max. Rec. WP
7124-631	5/8	15.9	1	0.969	24.6	34	3.0	150
7124-751	3/4	19.1	1	1.090	27.7	39	4.0	150
7124-1001	1	25.4	1	1.340	34.0	49	5.0	150

# How To Order

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When ordering Parker Industrial hose or accessories, please state the part number as shown in the Parker Industrial Hose Products Catalog 4800. Specify in feet, total length of hose required when ordering bulk hose. Specify number of pieces if cut lengths of hose are required and specify those lengths in feet and/or inches. Be sure to double check thread or hose sizes of items required.

To select proper hose and fitting materials for specific applications, refer to Chemical Resistance Information in Catalog 4800 or contact the Technical Service Department, Industrial Hose Division, Cleveland, Ohio.

If in doubt about which type or size of hose and fitting to specify, or the compatibility of the fluid you intend to use, consult your local Parker Industrial Hose Products Distributor, Parker Field Sales or Industrial Hose Division.

**Note: Refer to Catalog 4800 or call the Industrial Hose Division for more detailed application information.**

# Offer Of Sale

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The items described in this document are hereby offered for sale by Parker Hannifin Corporation, its subsidiaries or its authorized distributors. This offer and its acceptance are governed by the provisions stated in the "Offer of Sale".

***Call the Parker Information Center toll-free for catalogs, literature, or additional information:***

**1-800-C PARKER**

**(1-800-272-7537)**

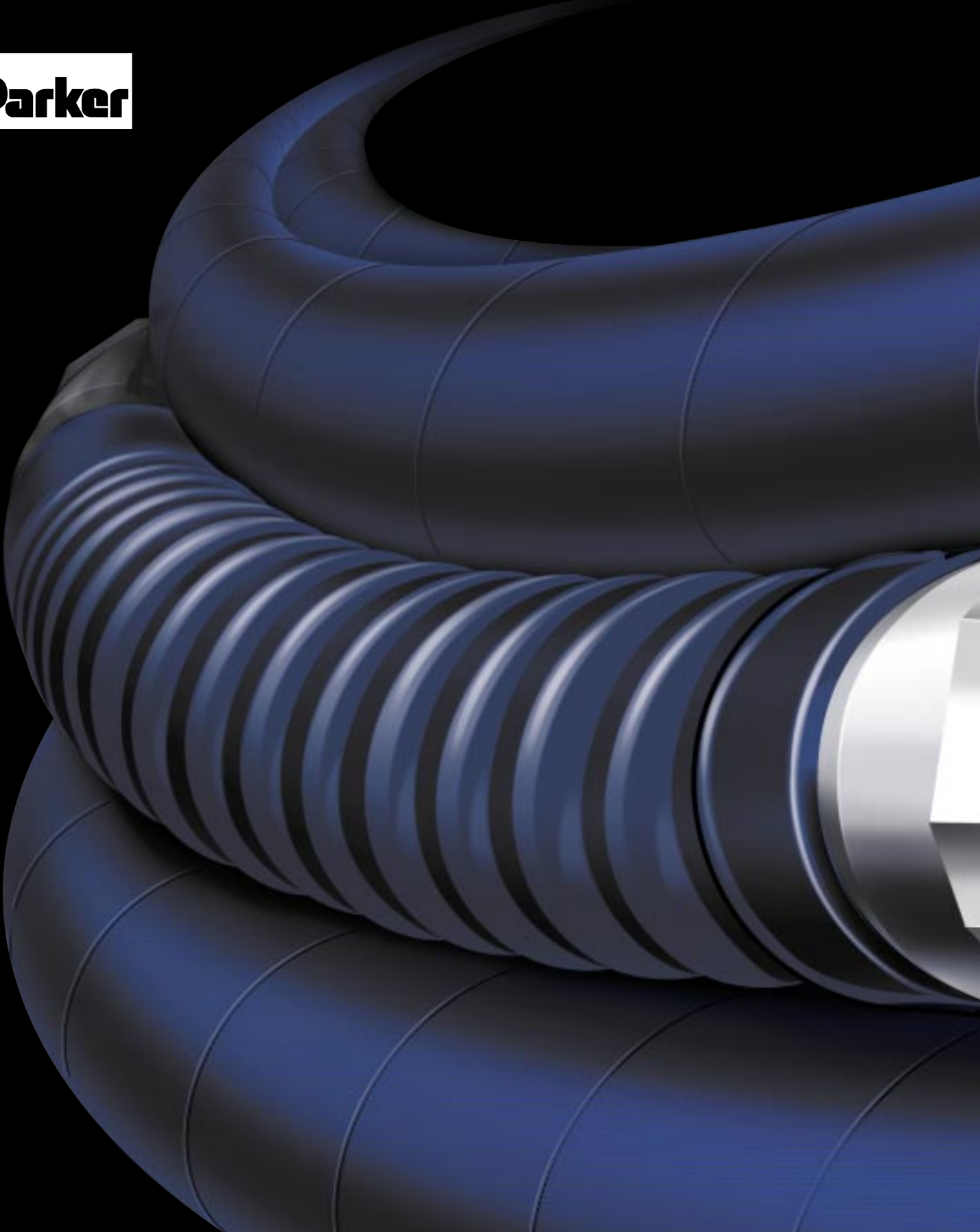


## WARNING

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current product catalog. Due to the variety of operating conditions and applications for these products or systems, the user, through its analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by Parker Hannifin Corporation and its subsidiaries at any time without notice.



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