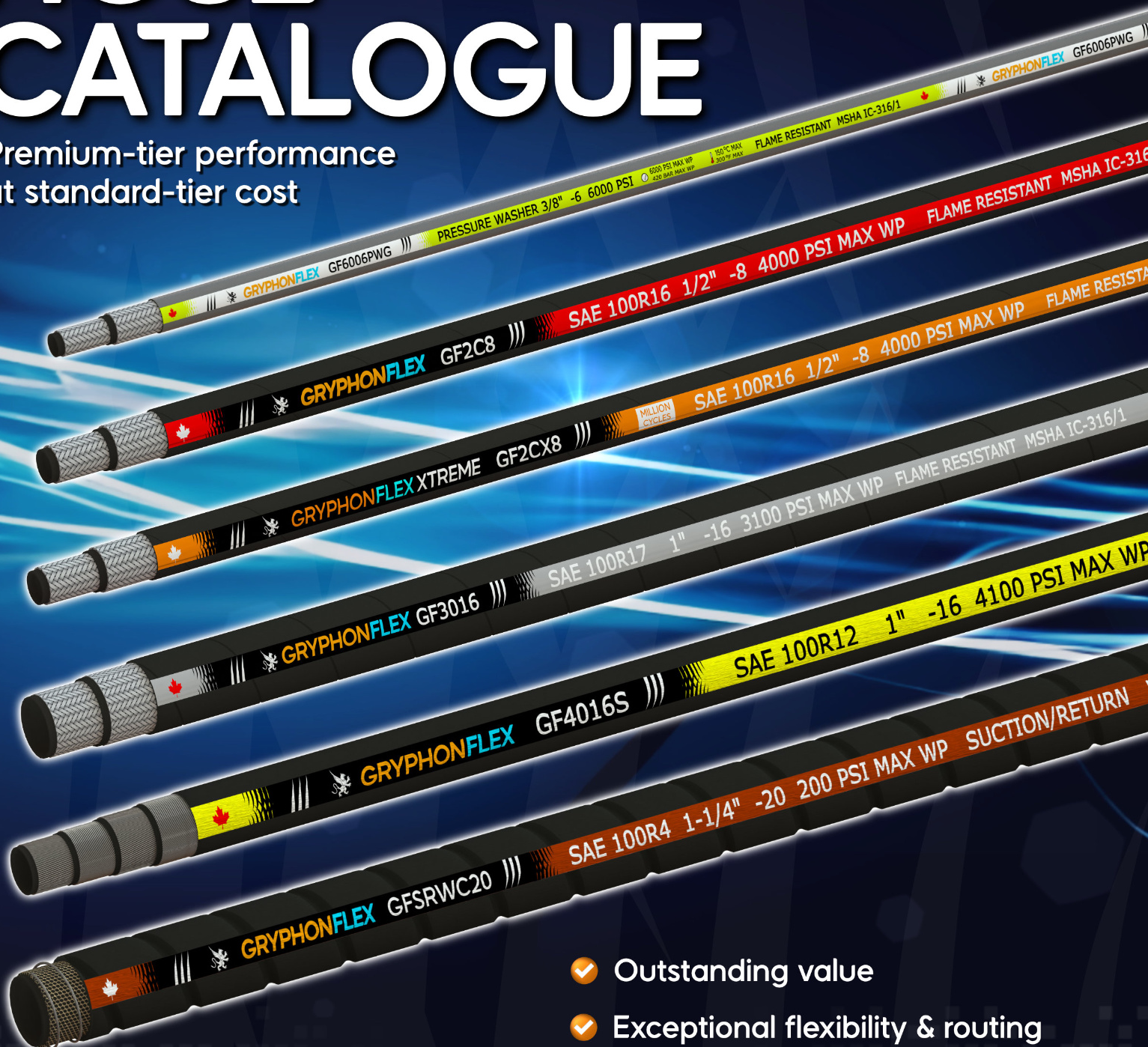




GRYPHON FLEX[®]

HOSE CATALOGUE

Premium-tier performance
at standard-tier cost



- ✓ Outstanding value
- ✓ Exceptional flexibility & routing
- ✓ Meets or exceeds SAE standards
- ✓ Qualified with GryphonFlex[®] fittings



 **Gryphon[®]**
Flex.com



GRYPHON FLEX[®]

Hose Catalogue Index

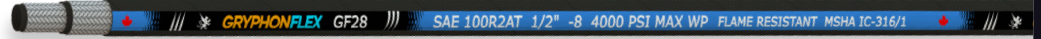
— NAVIGATION —



Just
click
to go to
the page

GF2

High Pressure SAE 100R2AT Hydraulic Hose



GF2C

Compact Bend High Pressure SAE 100R16 Hydraulic Hose



GF2CX

XTREME
MILLION
CYCLES

Million Cycle Compact Bend High Pressure SAE 100R16 Hydraulic Hose



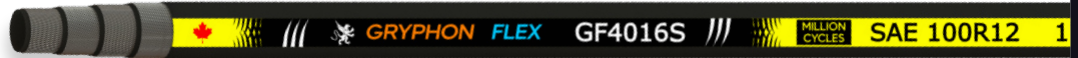
GF3000

High Pressure SAE 100R17 Hydraulic Hose



GF4000

High Pressure SAE 100R12 Hydraulic Hose



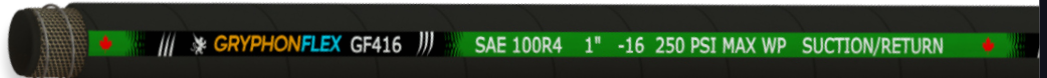
GF5000

High Pressure SAE 100R13 Hydraulic Hose



GF4

Suction/Return SAE 100R4 Hydraulic Hose



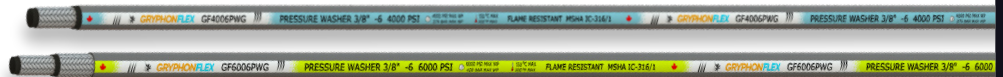
GF5RWC

Suction/Return SAE 100R4 Wide-Corrugated Hydraulic Hose



GF4000PWG / GF6000PWG

Pressure Washer Hose



GFTBR

Medium Pressure SAE 100RA

True Bore Hydraulic Hose



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Flex.com

info@gryphonflex.com



GF2

GryphonFlex GF2 Series High Pressure SAE 100R2AT Hydraulic Hose

Recommended For: For use in medium to high pressure applications. Meets or exceeds the requirements of SAE 100 R2AT, EN 853 2SN, ISO 1436-1 2SN.

Tube: The inner tube is made of oil resistant synthetic rubber.

Cover: Black, high-abrasion, oil resistant synthetic rubber. Ozone, weather and flame resistant, and MSHA accepted.

Temperature Range: -40°C to +100°C (-40°F to +212°F). For water emulsions, please contact us.

Working Pressure: Each size in the hose series has a minimum burst pressure of 4 times the working pressure.

Reinforcement: Two layers of high tensile braid.

Part Number 	Dash Size -	Outer Diameter (in) 	Working Pressure (psi) 	Min Burst Pressure (psi) 	Min Bend Radius (in) 	Weight (Lbs/ft) 
GF24	4	0.58	5800	23,200	3.9	0.23
GF26	6	0.74	4800	19,200	4.9	0.33
GF28	8	0.86	4000	16,000	7.1	0.40
GF210	10	0.98	3600	14,400	8.1	0.48
GF212	12	1.14	3100	12,400	9.4	0.60
GF216	16	1.45	2400	9,600	11.8	0.92
GF220	20	1.85	1800	7,200	16.5	1.53
GF224	24	2.10	1300	5,200	19.7	1.64
GF232	32	2.61	1160	4,640	24.8	1.81
GF240	40	3.14	1000	4,000	29.9	2.33





GryphonFlex GF2C

Compact Bend High Pressure SAE 100R16 Hydraulic Hose

Recommended For: For use in medium to high pressure applications. Meets or exceeds the requirements of SAE 100R16, EN 853 2SC, ISO 1436-1 2SC.

Tube: The inner tube is made of oil resistant synthetic rubber.

Cover: Black, high-abrasion, oil resistant synthetic rubber. Ozone, weather and flame resistant, and MSHA accepted.

Temperature Range: -40°C to +100°C (-40°F to +212°F). For water emulsions, please contact us.

Working Pressure: Each size in the hose series has a minimum burst pressure of 4 times the working pressure.

Reinforcement: Two layers of high tensile braid.

Part Number 	Dash Size -	Outer Diameter (in) 	Working Pressure (psi) 	Min Burst Pressure (psi) 	Min Bend Radius (in) 	Weight (Lbs/ft) 
GF2C4	4	0.52	5800	23,200	2.0	0.23
GF2C6	6	0.67	4800	19,200	2.5	0.33
GF2C8	8	0.81	4000	16,000	3.5	0.40
GF2C10	10	0.94	3600	14,400	3.9	0.44
GF2C12	12	1.09	3100	12,400	4.7	0.58
GF2C16	16	1.40	2400	9,600	5.9	0.84
GF2C20	20	1.68	1800	7,200	8.3	1.11





GF2CX XTREME Series

Compact Bend High Pressure SAE 100R16 Hydraulic Hose

XTREME
MILLION
CYCLES

Recommended For: For use in medium to high pressure applications. Meets or exceeds the requirements of SAE 100R16, EN 853 2SC, ISO 1436-1 2SC.

Tube: The inner tube is made of oil resistant synthetic rubber.

Cover: Black, high-abrasion, oil resistant synthetic rubber. Ozone, weather and flame resistant, and MSHA accepted.

Temperature Range: -40°C to +100°C (-40°F to +212°F). For water emulsions, please contact us.

Working Pressure: Each size in the hose series has a minimum burst pressure of 4 times the working pressure.

Reinforcement: Two layers of high tensile braid.

Part Number 	Dash Size -	Outer Diameter (in) 	Working Pressure (psi) 	Min Burst Pressure (psi) 	Min Bend Radius (in) 	Weight (Lbs/ft) 
GF2CX4	4	0.52	5800	23,200	2.0	0.23
GF2CX6	6	0.67	4800	19,200	2.5	0.33
GF2CX8	8	0.81	4000	16,000	3.5	0.40
GF2CX10	10	0.94	3600	14,400	3.9	0.44
GF2CX12	12	1.09	3100	12,400	4.7	0.58
GF2CX16	16	1.40	2400	9,600	5.9	0.84
GF2CX20	20	1.68	1800	7,200	8.3	1.11



XTREME
MILLION
CYCLES

Meets or exceeds the performance requirements of SAE 100R16.





GryphonFlex GF3000 Series High Pressure SAE 100R17 Hydraulic Hose

Recommended For: High-pressure hydraulic lines. Exceeds SAE 100R17 and ISO11237 R17 working pressure requirements. Smaller outer diameter compared to standard 2-wire hose. Useful in general high pressure applications up to 3100 psi.

Tube: The inner tube is made of oil resistant synthetic rubber.

Cover: Black, high-abrasion, oil resistant synthetic rubber. Ozone, weather and flame resistant, and MSHA accepted.

Temperature Range: -40°C to +100°C (-40°F to +212°F). For water emulsions, please contact us.

Working Pressure: Each size in the hose series has a minimum burst pressure of 4 times the working pressure.

Reinforcement: One layer of high tensile steel braid (-4 to -6). Two layers of high tensile steel braid (-8 to -16).

Part Number 	Dash Size -	Outer Diameter (in) 	Working Pressure (psi) 	Min Burst Pressure (psi) 	Min Bend Radius (in) 	Weight (Lbs/ft) 
GF3004	4	0.48	3100	12,400	2.0	0.13
GF3006	6	0.54	3100	12,400	2.6	0.18
GF3008	8	0.61	3100	12,400	3.5	0.31
GF3010	10	0.94	3100	12,400	3.9	0.38
GF3012	12	1.09	3100	12,400	4.7	0.52
GF3016	16	1.42	3100	12,400	5.9	0.91





GryphonFlex GF4000 Series

High Pressure SAE 100R12 Hydraulic Hose

Recommended For: For use in high pressure applications. Meets or exceeds the requirements of SAE J517 R12, EN 856 R12.

Tube: The inner tube is made of oil resistant synthetic rubber.

Cover: Black, high-abrasion, oil resistant synthetic rubber. Ozone, weather and flame resistant, and MSHA accepted.

Temperature Range: -40°C to +121°C (-40°F to +250°F). For water emulsions, please contact us.

Working Pressure: Each size in the hose series has a minimum burst pressure of 4 times the working pressure.

Reinforcement: Four layers of high tensile spiral.

Part Number 	Dash Size -	Outer Diameter (in) 	Working Pressure (psi) 	Min Burst Pressure (psi) 	Min Bend Radius (in) 	Weight (Lbs/ft) 
GF4006S	6	0.79	4000	16,000	4.9	0.40
GF4008S	8	0.93	4000	16,000	7.0	0.54
GF4010S	10	1.07	4000	16,000	7.9	0.77
GF4012S	12	1.20	4000	16,000	9.5	0.84
GF4016S	16	1.48	4000	16,000	11.8	1.24
GF4020S	20	1.81	4000	16,000	16.5	1.78
GF4024S	24	2.10	4000	16,000	19.7	2.12
GF4032S	32	2.63	4000	16,000	24.8	2.86



MILLION
CYCLES

Tested to 1 Million Cycles - Double the SAE 100R12 Spec.





GryphonFlex GF5000 Series

Very High Pressure SAE 100R13 Hydraulic Hose

Recommended For: For use in very high pressure applications subject to surge or flexing - such as construction, mining and industrial applications. Meets or exceeds the requirements of SAE 100 R13, EN 856 R13, ISO 3862 R13.

Tube: The inner tube is made of oil resistant synthetic rubber.

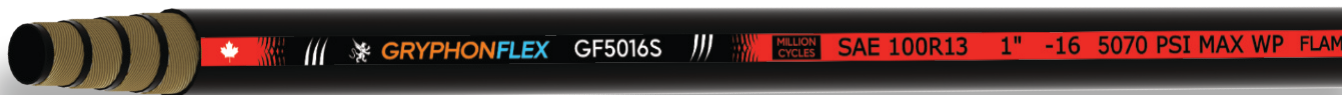
Cover: Black, high-abrasion, oil resistant synthetic rubber. Ozone, weather and flame resistant, and MSHA accepted.

Temperature Range: -40°C to +121°C (-40°F to +250°F). For water emulsions, please contact us.

Working Pressure: Each size in the hose series has a minimum burst pressure of 4 times the working pressure.

Reinforcement: Four layers of high tensile steel spiral.

Part Number 	Dash Size -	Outer Diameter (in) 	Working Pressure (psi) 	Min Burst Pressure (psi) 	Min Bend Radius (in) 	Weight (Lbs/ft) 
GF5012S	12	1.26	5075	20,000	9.5	1.08
GF5016S	16	1.51	5075	20,000	11.8	1.40



MILLION
CYCLES

Tested to 1 Million Cycles - Double the SAE 100R13 Spec.





GF4

GryphonFlex GF4 Series

Suction/Return SAE 100R4 Hydraulic Hose

Recommended For: For use in oil suction and return line applications. Meets the requirements of SAE 100R4.

Tube: The inner tube is made of oil resistant synthetic rubber.

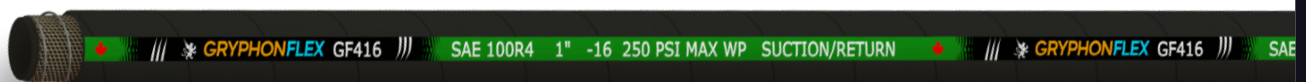
Cover: The cover is made of synthetic rubber with high abrasion, ozone, and weather resistance.

Temperature Range: -40°C to +100°C (-40°F to +212°F). For water emulsions, please contact us.

Working Pressure: Each size in the hose series has a minimum burst pressure of 4 times the working pressure.

Reinforcement: One layer of high tensile steel braid and one high tensile steel wire helix

Part Number 	Dash Size -	Outer Diameter (in) 	Working Pressure (psi) 	Min Burst Pressure (psi) 	Min Bend Radius (in) 	Weight (Lbs/ft) 
GF412	12	1.37	300	1200	4.9	0.55
GF416	16	1.63	250	1000	5.9	0.68
GF420	20	1.74	200	800	7.9	1.03
GF424	24	2.25	150	600	10.0	1.17
GF432	32	2.75	100	400	11.8	1.57
GF440	40	3.25	60	240	14.0	2.06
GF448	48	3.75	60	240	18.1	2.45





GryphonFlex GFSRWC Series

Wide-Corrugated Suction/Return SAE 100R4 Hydraulic Hose

Recommended For: For use in oil suction and return line applications. Meets the requirements of SAE 100R4.

Tube: The inner tube is made of oil resistant synthetic rubber.

Cover: The cover is made of synthetic rubber with high abrasion, ozone, and weather resistance.

Temperature Range: -40°C to +100°C (-40°F to +212°F). For water emulsions, please contact us.

Working Pressure: Each size in the hose series has a minimum burst pressure of 4 times the working pressure.

Reinforcement: One layer of high tensile steel braid and one high tensile steel wire helix

Part Number 	Dash Size -	Outer Diameter (in) 	Working Pressure (psi) 	Min Burst Pressure (psi) 	Min Bend Radius (in) 	Weight (Lbs/ft) 
GFSRWC12	12	1.37	300	1200	4.9	0.70
GFSRWC16	16	1.63	250	1000	5.9	0.85
GFSRWC20	20	1.74	200	800	7.9	1.18
GFSRWC24	24	2.25	150	600	10.0	1.36
GFSRWC32	32	2.75	100	400	11.8	1.73





GF4000PWG / GF6000PWG



GryphonFlex GF4000PWG / GF6000PWG Series

Pressure Washer Hose

Recommended For: **GF4000PWG:** For use in medium pressure cleaning applications with hot water.

GF6000PWG: For use in high pressure cleaning applications with hot water.

Tube: The inner tube is made of synthetic rubber.

Cover: The cover is made of synthetic rubber with high abrasion, ozone, and weather resistance.

Temperature Range: -40°C to +150°C (-40°F to +300°F)

Working Pressure: Each size in the hose series has a minimum burst pressure of 3 times the working pressure.

Reinforcement: **GF4000PWG:** One layer of high tensile textile braid.

GF6000PWG: Two layers of high tensile textile braid.

Part Number 	Dash Size -	Outer Diameter (in) 	Working Pressure (psi) 	Min Burst Pressure (psi) 	Min Bend Radius (in) 	Weight (Lbs/ft) 
GF4006PWG	6	0.67	4000	12000	5.1	0.23
GF4008PWG	8	0.79	4000	12000	7.1	0.28
GF6006PWG	6	0.74	6000	18000	5.0	0.33
GF6008PWG	8	0.86	6000	18000	7.1	0.40





GryphonFlex GFTBR Series

Medium Pressure SAE 100R14A True Bore Hydraulic Hose

Recommended For: Medium pressure hydraulic applications including truck, bus, industrial and aerospace. Compatible with air, fuel, lubricants, high-temp oil and some chemical applications. Meets or exceeds the requirements of SAE 100 R14A, FDA 21 CFR 177, 1500 Specifications.

Tube: The inner tube is made of Polytetrafluoroethylene (PTFE)

Temperature Range: -50°C to +200°C (-58°F to +400°F).

Working Pressure: Each size in the hose series has a minimum burst pressure of 4 times the working pressure.

Reinforcement: External 304 stainless steel wire braid.

Part Number 	Dash Size -	Outer Diameter (in) 	Working Pressure (psi) 	Min Burst Pressure (psi) 	Min Bend Radius (in) 	Weight (Lbs/ft) 
GFTBR4	04	0.36	3300	9,860	3.2	0.09
GFTBR6	06	0.49	2350	7,830	7.2	0.12
GFTBR8	08	0.63	1300	5,220	8.3	0.15





GRYPHONFLEX®

Hydraulic Conveyance System

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Gryphon Flex®

XTREME

Hose, Fittings & Adaptors



The GryphonFlex® series is a cost-effective hydraulic conveyance system consisting of hose, fittings and adaptors that are engineered, tested and verified to work together to provide excellent performance and reliability across a wide range of uses and applications.

RELIABLE
SYSTEM-MATCHED
PERFORMANCE



Engineered and assembled in Canada
GryphonFlex® meets SAE standards for operating pressure, temperature, abrasion resistance and impulse cycle life.

Flagship GryphonFlex® **XTREME** meets or **exceeds** SAE standards for pressure, temperature, and abrasion while offering **million impulse cycles** - for your lowest lifecycle cost option.

**XTREME
MILLION
CYCLES**

Extreme lifecycle



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SAFETY GUIDE



WARNING

Death, life-changing injury, and destruction of property can result from failure, improper use, or improper selection of hose, tubing, fittings, adaptors, accessories and assemblies.

Possible outcomes include:



- Hose failure and blow out.
- Fluids discharged at high velocity.
- Fittings blown away at high velocity.
- Ignition or explosion of fluid.
- Impact with abruptly descending or moving objects that were held or transported by conveying fluid.
- Dangerously "whipping" hose.
- Electric shock from high-voltage power lines or other electrical sources.
- Flashes or explosions resulting from the accumulation of static electricity.
- Flashes or explosions occurring while applying paint or other flammable liquids.
- Personal contact with conveyed fluids that can be toxic, cold, hot or potentially harmful.

A FLUID INJECTION IS A CRITICAL EMERGENCY



DANGER - FLUID INJECTION

Fluid injection injuries can lead to gangrene, loss of limb, or death.

NEVER CHECK FOR LEAKS BY HAND OR GLOVE

Critical information for Emergency Room doctors:

- Type of fluid
- Pressure of injected fluid
- Amount of fluid injected
- Time between injection and treatment

**DO NOT LEAVE THE HOSPITAL UNTREATED
EVEN IF THERE ARE MINIMAL OUTWARD SIGNS
OF INJURY**

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN, CAN CAUSE DEATH, PERSONAL INJURY AND DESTRUCTION OF PROPERTY.

This document, along with other information provided by GryphonFlex®, its affiliated companies, and authorized distributors, offers product or system options for users with technical expertise to investigate further.

The user is entirely responsible for the final selection of the system and its components, ensuring that all performance, endurance, maintenance, safety, and warning requirements for the application are met. The user must thoroughly analyze the application, adhere to relevant industry standards, and consult the product catalog and any additional materials from GryphonFlex® or its affiliates or authorized distributors.

If GryphonFlex® or its affiliates or authorized distributors offer component or system options based on data or specifications supplied by the user, it is the user's responsibility to ensure that these data and specifications are appropriate and adequate for all intended applications and foreseeable uses of the components.

Offer of Sale

The items described in this document are offered for sale by GryphonFlex®, its related companies, or its authorized distributors. The terms of this offer and its acceptance are subject to the provisions outlined herein.

Warranty

GryphonFlex® hose, fittings and adaptors are warranted to be free from defects in material or workmanship. This warranty is automatically voided where damage occurs due to improper use, abuse, misuse, inadequate maintenance or failure to follow installation, use and service recommendations.

Hose Shelf Life

The shelf life of rubber materials can be influenced by the storage environment. Quantifying shelf life can be challenging due to the numerous variables affecting the hose. By following proper storage precautions, the shelf life can range from three to five years. However, beyond this period, there may be a notable decline in service life, depending on storage conditions.

Factors that can impact this include:

TEMPERATURE: The hose should be kept in a cool, dry location where the temperature does not exceed 100°F (38°C). If stored in freezing conditions, the hose may need to be warmed before handling, testing, or using it.

EXPOSURE: Avoid direct sunlight, rain, heaters, or placement near electrical equipment.

ENVIRONMENTAL FACTORS: Be mindful of humidity and ozone levels.

CHEMICALS: Keep the hose away from oil, solvents, corrosive materials, or fumes.

PESTS: Protect the hose from insects or rodents.

RADIOACTIVITY: Ensure the storage area is free from radioactivity.

SPACE AND HANDLING: Allow adequate space and avoid sharp bends to prevent damage.

Keep the hose in its original container and avoid stacking it too high, as excessive weight can crush the hoses at the bottom of the stack.

We strongly recommend that hoses in extended storage be visually inspected and tested before use. Hoses that appear to be in marginal condition should be replaced to prevent potential failures, property damage, or personal injury. Store hoses using a first-in/first-out approach. Prolonged storage or poor storage conditions can degrade the hose, reduce its performance, and increase the risk of premature failure.

ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY DISCLAIMED. IN NO EVENT WILL GRYPHONFLEX® BE LIABLE TO ANY PARTY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL, EXEMPLARY AND INDIRECT DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, REGARDLESS OF WHETHER SUCH DAMAGES WERE REASONABLY FORESEEABLE, OR WHETHER GRYPHONFLEX® HAD KNOWLEDGE THAT THEY COULD OCCUR.