PYTHON
PROTECTIVE SLEEVE + COVERS

PRODUCT CATALOG

Today's Most Advanced Hose Management Products
Designed to Provide Ultimate Peace of Mind in Real-World Applications.

WRAP SLEEVE | TUBULAR SLEEVE | BUNDLING STRAPS | CUSTOM SOLUTIONS

pythoncovers.com



a division of SUBURBAN MANUFACTURING GROUP

PROTECTIVE **COVERINGS**

A division of Suburban Manufacturing Group, Python Protective Coverings provides today's leading manufacturers with revolutionary products designed to protect both operators and equipment alike. Our fluid power expertise, proprietary technology, and laser-focused effort on supporting the customer, enable us to bring the most innovative, reliable, and user-friendly products to market.

This catalog was designed in effort to provide an additional tool for choosing appropriate products based on your individual application requirements. In addition to our friendly customer service staff available to assist you, we've created a magnitude of digital resources.

Our website now works on a responsive template and is easily accessible on any hand-held device. Find material specifications and up-to-date information on new product releases. Visit our Youtube channel to view 40+ training and demonstration videos.


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SUBURBAN MANUFACTURING

At Suburban, our mission is to build value for our customers by producing quality, innovative, application-based products. As an engineer-driven organization, we partner with customers to design unique and specific fluid power solutions.

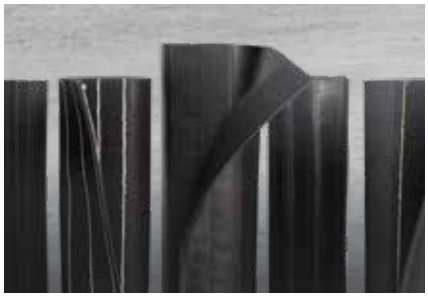
PROTECTION THAT **PERFORMS**



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1050B **WRAP SLEEVE**



Bundle & protect hoses exposed to ultraviolet (UV) rays & abrasion.



1050 remains tough & flexible in tight bend radius applications.



Trusted by the US military to keep critical equipment functioning around the clock.

MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING

THE MOST ROBUST OPTION FOR HOSE PROTECTION

Known as the workhorse of the Sidewinder family, 1050 Ballistic Nylon is the best all around solution for abrasion & bundling needs. The Ballistic Nylon substrate features a urethane coating designed to shed moisture & industrial chemicals. With excellent UV protection, 1050B is the choice for most hoses, cables, & wires susceptible to daily wear & tear.

1050 Ballistic features Military-Spec Python Hook & Loop closure, allowing the sleeve to be applied post hose assembly. The proprietary fastener has proven to reduce costs associated to installation or maintenance by up to 70%!

Typical Applications: Corn planters, rail track equipment, semi truck trailers, industrial conveyors, backhoes, loaders, combines & balers

Features & Benefits:

- Best all-around choice for bundling, abrasion, and operator protection
- Protects hoses in abrasive environments
- Excellent UV protection
- Resistant to punctures and tearing

SIZING & ORDERING INFORMATION

1050B WRAP SLEEVE

PART NUMBER	MAX I.D.	CIRCUM
SL-1.0	1.0″	3.14
SL-1.25	1.25″	4.08
SL-1.5	1.5″	4.71
SL-1.75	1.75″	5.65
SL-2.0	2.0″	6.28
SL-2.25	2.25″	7.06
SL-2.5	2.5″	7.85
SL-2.75	2.75″	8.79
SL-3.0	3.0″	9.42

PART NUMBER	MAX I.D.	CIRCUM
SL-3.25	3.25″	10.36
SL-3.5	3.5″	10.99
SL-4.0	4.0″	12.56
SL-4.5	4.5″	14.13
SL-5.0	5.0″	15.70
SL-6.0	6.0″	18.84
SL-7.0	7.0″	21.99
SL-8.0	8.0″	25.13
SL-9.0	9.0″	28.27

PART NUMBER	MAX I.D.	CIRCUM
SL-9.5	9.5″	29.84
SL-10.0	10.0″	31.41
SL-11.0	11.0″	34.55
SL-12.0	12.0″	37.69
SL-13.0	13.0″	40.84
SL-14.0	14.0″	43.98
SL-15.0	15.0″	47.12
SL-16.0	16.0″	50.26

Standard lengths sold in 150′ and 50′ increments.



5601 **WRAP SLEEVE**

LIGHTWEIGHT, FLEXIBLE, AND LIQUID RESISTANT

5601 has gained great popularity due to its ability to remain extremely flexible. This sleeve is constructed on a 1000 denier Nylon substrate, with a heavy urethane coating creates a super low coefficient to wear & prevents any moisture from penetrating the sleeve. 5601 is the ideal option for wet, abrasive, & articulating applications.

5601 features Military-Spec Python Hook & Loop closure, allowing the sleeve to be applied post hose assembly. The proprietary fastener has proven to reduce costs associated to installation or maintenance by up to 70%!

Typical Applications: Agricultural Sprayers, Robotics, Asphalt Machines, Cement Trucks, Garbage Trucks, Air Conditioning & Brewery Lines (Radiant-lined version)

Features & Benefits:

- Remains extremely flexible in high and low temperature applications
- Resists damage from petroleum, salt water, gasoline, and mild chemicals
- Non-breathable cover can increase thermal retention by up to 150% in applications requiring consistent viscosity
- Heavy urethane coating protects hoses in abrasive environments and allows the sleeve to move freely over ridged surfaces



Hydraulic cylinders rely on the flexibility of 5601 to prevent contamination to piston rods.



5601 is often used to protect sprayer hoses & lines in wet, abrasive applications.



Radiant-lined 5601 helps maintain chemical viscosity in the spray foam industry.

SIZING & ORDERING INFORMATION

5601 WRAP SLEEVE

PART NUMBER	MAX I.D.	CIRCUM
SL-1.0-5601	1.0″	3.14
SL-1.25-5601	1.25″	4.08
SL-1.5-5601	1.5″	4.71
SL-1.75-5601	1.75″	5.65
SL-2.0-5601	2.0″	6.28
SL-2.25-5601	2.25″	7.53
SL-2.5-5601	2.5″	7.85
SL-2.75-5601	2.75″	8.79
SL-3.0-5601	3.0″	9.42

PART NUMBER	MAX I.D.	CIRCUM
SL-3.25-5601	3.25″	10.36
SL-3.5-5601	3.5″	10.99
SL-4.0-5601	4.0″	12.56
SL-4.5-5601	4.5″	14.13
SL-5.0-5601	5.0″	15.70
SL-6.0-5601	6.0″	18.84
SL-7.0-5601	7.0″	21.99
SL-8.0-5601	8.0″	25.13
SL-9.0-5601	9.0″	28.27

PART NUMBER	MAX I.D.	CIRCUM
SL-9.5-5601	9.5″	29.84
SL-10.0-5601	10.0″	31.41
SL-11.0-5601	11.0″	34.55
SL-12.0-5601	12.0″	37.69
SL-13.0-5601	13.0″	40.84
SL-14.0-5601	14.0″	43.98
SL-15.0-5601	15.0″	47.12
SL-16.0-5601	16.0″	50.26

Standard lengths sold in 150′ and 50′ increments.



MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING



Provides a clean, professional look to any application.



In light abrasion environments utilize Black Poly to protect & quickly access power cord bundles.



An easy choice in applications with tight hose bends & high UV exposure.

ECONOMICAL CHOICE FOR FAST, EASY BUNDLING

Black Poly was designed specifically as an economical solution for hose, cable, & wire management. The 300x600 denier substrate is coated with a light layer of PVC, enhancing the sleeves ability to resist damage caused from water or sunlight. The economical design of Black Poly makes it a quick & easy solution in applications requiring bundling protection, light abrasion resistance, or simply a clean, professional look.

Black Poly features Military-Spec Python Hook & Loop closure, allowing the sleeve to be applied post hose assembly. The proprietary fastener has proven to reduce costs associated to installation or maintenance by up to 70%!

Typical Applications: Static hoses on mobile equipment, power cord bundles, computer cables, CNC hose bundles and pneumatic lines

Features & Benefits:

- Economical solution for a variety of bundling requirements
- Excellent UV protection
- Lightweight and flexible
- Provides a clean and professional look to any application

SIZING & ORDERING INFORMATION

BLACK POLY WRAP SLEEVE

PART NUMBER	MAX I.D.	CIRCUM
SL-1.0-JD	1.0"	3.14
SL-1.25-JD	1.25"	4.08
SL-1.5-JD	1.5"	4.71
SL-1.75-JD	1.75"	5.65
SL-2.0-JD	2.0"	6.28
SL-2.25-JD	2.25"	7.53
SL-2.5-JD	2.5"	7.85
SL-2.75-JD	2.75"	8.79
SL-3.0-JD	3.0"	9.42

PART NUMBER	MAX I.D.	CIRCUM
SL-3.25-JD	3.25"	10.36
SL-3.5-JD	3.5"	10.99
SL-4.0-JD	4.0"	12.56
SL-4.5-JD	4.5"	14.13
SL-5.0-JD	5.0"	15.70
SL-6.0-JD	6.0"	18.84
SL-7.0-JD	7.0"	21.99
SL-8.0-JD	8.0"	25.13
SL-9.0-JD	9.0"	28.27

PART NUMBER	MAX I.D.	CIRCUM
SL-9.5-JD	9.5"	29.84
SL-10.0-JD	10.0"	31.41
SL-11.0-JD	11.0"	34.55
SL-12.0-JD	12.0"	37.69
SL-13.0-JD	13.0"	40.84
SL-14.0-JD	14.0"	43.98
SL-15.0-JD	15.0"	47.12
SL-16.0-JD	16.0"	50.26

Standard lengths sold in 150' increments.

MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING



EXTREME ABRASION AND CHEMICAL RESISTANCE

40 HDA was built for the world's most extreme & abrasive applications. The heavy duty sleeve is constructed a 1500 denier-woven Polyester & coated with a proprietary polymer. This sleeve has nearly twice the mass & six times the abrasion resistance of any other Sidewinder product. Unlike traditional wear products, Sidewinder provides 100% hose coverage for use in the most aggressive environments.

40 HDA features Military-Spec Python Hook & Loop closure, allowing the sleeve to be applied post hose assembly. The proprietary fastener has proven to reduce costs associated to installation or maintenance by up to 70%!

Typical Applications: Mining, sub sea oil service, frac and mud pumping hose, rotary drill hose, forestry skidders, knuckle boom loaders, drill jetters

Features & Benefits:

- Ultra rugged
- Resists petroleum, salt water, gasoline and other chemicals
- MSHA approved; accepted for use in mining applications
- Excellent UV protection
- Static disapative



Saves Oil & Gas companies thousands of dollars by preventing downtime due to hose damage.



Forestry equipment utilizes 40 HDA where extreme abrasive conditions cause catastrophic hose failure.



Approved for use in mining applications. MSHA IC-289.

SIZING & ORDERING INFORMATION

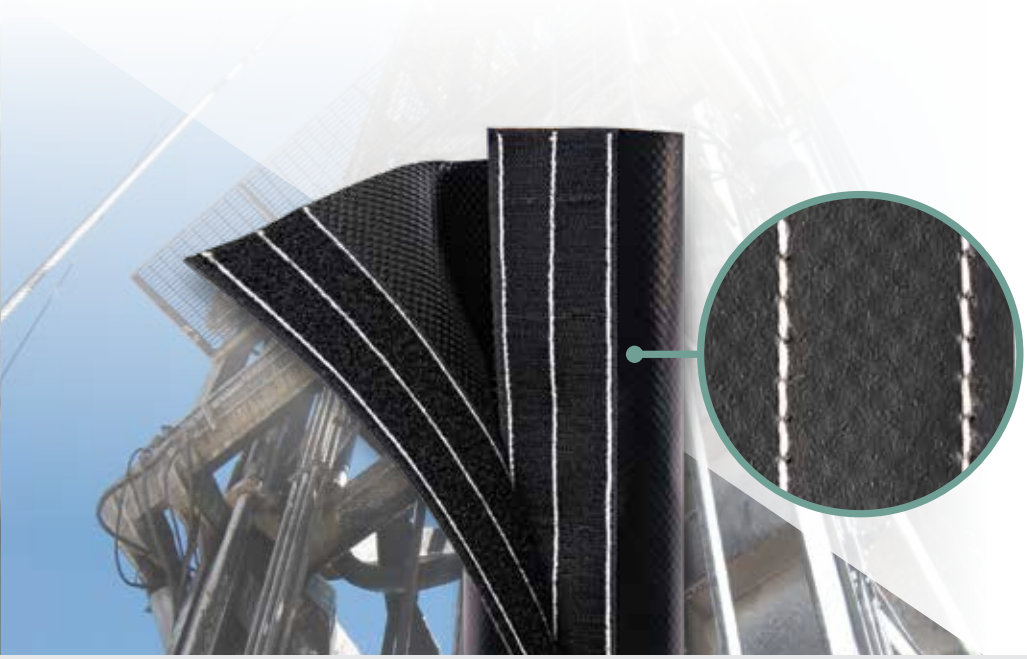
40HDA WRAP SLEEVE

PART NUMBER	MAX I.D.	CIRCUM
SL-1.75-HDA	1.75"	5.65
SL-2.0-HDA	2.0"	6.28
SL-2.25-HDA	2.25"	7.53
SL-2.5-HDA	2.5"	7.85
SL-2.75-HDA	2.75"	8.79
SL-3.0-HDA	3.0"	9.42

PART NUMBER	MAX I.D.	CIRCUM
SL-3.25-HDA	3.25"	10.36
SL-3.5-HDA	3.5"	10.99
SL-4.0-HDA	4.0"	12.56
SL-4.5-HDA	4.5"	14.13
SL-5.0-HDA	5.0"	15.70
SL-6.0-HDA	6.0"	18.84

PART NUMBER	MAX I.D.	CIRCUM
SL-7.0-HDA	7.0"	21.99
SL-8.0-HDA	8.0"	25.13
SL-9.0-HDA	9.0"	28.27
SL-9.5-HDA	9.5"	29.84
SL-10.0-HDA	10.0"	31.41

Standard lengths sold in 75' increments.



MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING



In sub sea applications, 18411 is unaffected by salts & petro chemicals.



Robotics applications need 18411 to bundle & protect articulating hoses.



18411 is the optimal choice in jig fixture welding where sparks & spall are present.

MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING

ADVANCED PROTECTION FROM MOISTURE AND SPARKS

18411 is ideal in applications where articulating hose and cable are exposed to water, sparks, and spall. The sleeve offers similar abrasion and flexibility characteristics as 5601, along with an added internal neoprene coating to further protect against moisture. The coating, flexibility, spark resistance, and wide temperature range of -60°F (-51°C) to +250°F (121°C), with momentary spot heat up to 800°F (426°C), make 18411 the best choice for spot welding, automation, and submersible applications.

18411 features Military-Spec Python Hook & Loop closure, allowing the sleeve to be applied post hose assembly. The proprietary fastener has proven to reduce costs associated to installation or maintenance by up to 70%!

Typical Applications: Robotics, jig fixture welding, sub sea maintenance & repair, car wash stations, manure agitators, offshore oil

Features & Benefits:

- Unaffected by water, petro chemicals, sea salts, and mild solvents
- Shields against lightweight sparks and spall
- Easy to install - cuts with scissors
- Extremely flexible and abrasion resistant in most environments

SIZING & ORDERING INFORMATION

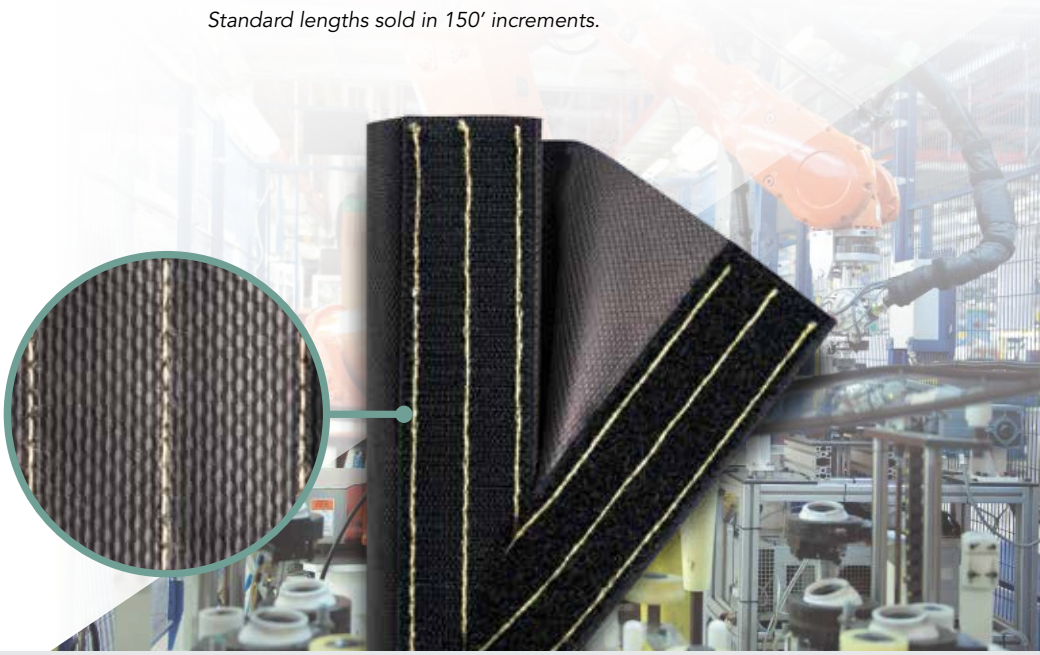
18411 WRAP SLEEVE

PART NUMBER	MAX I.D.	CIRCUM
SL-1.0-18411	1.0″	3.14
SL-1.25-18411	1.25″	4.08
SL-1.5-18411	1.5″	4.71
SL-1.75-18411	1.75″	5.65
SL-2.0-18411	2.0″	6.28
SL-2.25-18411	2.25″	7.53
SL-2.5-18411	2.5″	7.85
SL-2.75-18411	2.75″	8.79
SL-3.0-18411	3.0″	9.42

PART NUMBER	MAX I.D.	CIRCUM
SL-3.25-18411	3.25″	10.36
SL-3.5-18411	3.5″	10.99
SL-4.0-18411	4.0″	12.56
SL-4.5-18411	4.5″	14.13
SL-5.0-18411	5.0″	15.70
SL-6.0-18411	6.0″	18.84
SL-7.0-18411	7.0″	21.99
SL-8.0-18411	8.0″	25.13
SL-9.0-18411	9.0″	28.27

PART NUMBER	MAX I.D.	CIRCUM
SL-9.5-18411	9.5″	29.84
SL-10.0-18411	10.0″	31.41
SL-11.0-18411	11.0″	34.55
SL-12.0-18411	12.0″	37.69
SL-13.0-18411	13.0″	40.84
SL-14.0-18411	14.0″	43.98
SL-15.0-18411	15.0″	47.12
SL-16.0-18411	16.0″	50.26

Standard lengths sold in 150′ increments.



HEAVY DUTY SPARK AND SPALL PROTECTION

Developed to provide ultimate protection from high spark welding applications, Weld Shield is the ideal solution in static, high temperature environments. This coarse fiberglass fabric has an Acrylic coating and can handle operating temperatures up to 700°F.

Weld Shied features Military-Spec Python Hook & Loop closure, allowing the sleeve to be applied post hose assembly. The proprietary fastener has proven to reduce costs associated to installation or maintenance by up to 70%!

Typical Applications: Robotic welding, grinders, gantry welders

Features & Benefits:

- Working temperature of 700°F; shields against molten metal up to 1000°F
- Protects against grinding and extreme spark environments
- Hook & Loop closure allows for quick, easy access to hoses
- Bundles and protects hoses to promote a safe working area
- Provides a clean and professional look to any application



Weld Shield protects critical components from sparks on Gantry Welders.



Provides a safe layer between sparks & tool lines.



Weld Shield protects expensive hoses on large robotic welders.

SIZING & ORDERING INFORMATION

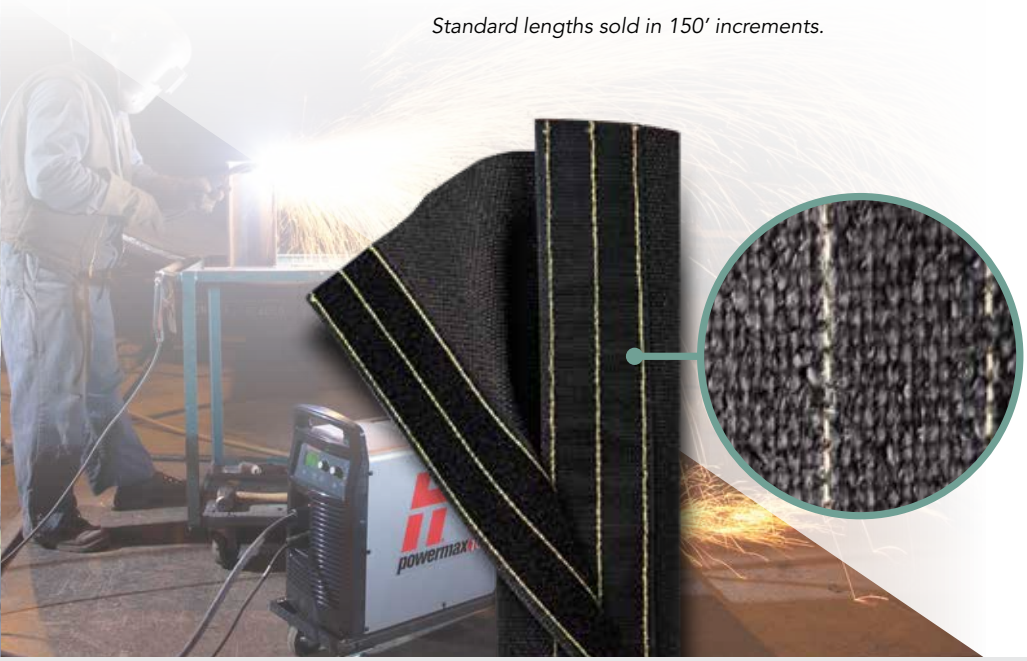
WELD SHIELD WRAP SLEEVE

PART NUMBER	MAX I.D.	CIRCUM
SL-1.0-WS	1.0"	3.14
SL-1.25-WS	1.25"	4.08
SL-1.5-WS	1.5"	4.71
SL-1.75-WS	1.75"	5.65
SL-2.0-WS	2.0"	6.28
SL-2.25-WS	2.25"	7.53
SL-2.5-WS	2.5"	7.85
SL-2.75-WS	2.75"	8.79
SL-3.0-WS	3.0"	9.42

PART NUMBER	MAX I.D.	CIRCUM
SL-3.25-WS	3.25"	10.36
SL-3.5-WS	3.5"	10.99
SL-4.0-WS	4.0"	12.56
SL-4.5-WS	4.5"	14.13
SL-5.0-WS	5.0"	15.70
SL-6.0-WS	6.0"	18.84
SL-7.0-WS	7.0"	21.99
SL-8.0-WS	8.0"	25.13
SL-9.0-WS	9.0"	28.27

PART NUMBER	MAX I.D.	CIRCUM
SL-9.5-WS	9.5"	29.84
SL-10.0-WS	10.0"	31.41
SL-11.0-WS	11.0"	34.55
SL-12.0-WS	12.0"	37.69
SL-13.0-WS	13.0"	40.84
SL-14.0-WS	14.0"	43.98
SL-15.0-WS	15.0"	47.12
SL-16.0-WS	16.0"	50.26

Standard lengths sold in 150' increments.



MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING



Protects hoses from welding and grinding spall in shipbuilding applications.



Bundle and protect critical cables and wires near engine turbo compartments.



Covers and protects hoses from exhaust pipes on mining trucks.

MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING

FLAME AND ADHESION RESISTANT SLEEVING

TGS (Teflon Coated Fiberglass) is a high-performance, flexible material that provides protection to componentry in high ambient temperature environments up to 600°F. A PTFE coating protects the core material from embrittlement and serves as a barrier to prevent acids, oils, sealants, and other adhesives from sticking to the sleeve.

TGS features Military-Spec Python Hook & Loop closure, allowing the sleeve to be applied post hose assembly. The proprietary fastener has proven to reduce costs associated to installation or maintenance by up to 70%!

Typical Applications: Oil and gas processing, insulation blanket shielding, exhaust systems, high temperature cable and wiring systems

Features & Benefits:

- Surface release for paints, coatings, asphalts and tar
- Handles continuous heat up to 600°F
- Resists infrared, micro-wave and radio frequencies
- Protects hoses in abrasive environments
- Excellent UV protection

SIZING & ORDERING INFORMATION

TGS WRAP SLEEVE

PART NUMBER	MAX I.D.	CIRCUM
SL-1.0-TGS	1.0″	3.14
SL-1.25-TGS	1.25″	3.93
SL-1.5-TGS	1.5″	4.71
SL-1.75-TGS	1.75″	5.50
SL-2.0-TGS	2.0″	6.28
SL-2.25-TGS	2.25″	7.07
SL-2.5-TGS	2.5″	7.85
SL-2.75-TGS	2.75″	8.64
SL-3.0-TGS	3.0″	9.42

PART NUMBER	MAX I.D.	CIRCUM
SL-3.25-TGS	3.25″	10.21
SL-3.5-TGS	3.5″	10.99
SL-4.0-TGS	4.0″	12.56
SL-4.5-TGS	4.5″	14.13
SL-5.0-TGS	5.0″	15.70
SL-6.0-TGS	6.0″	18.84
SL-7.0-TGS	7.0″	21.98
SL-8.0-TGS	8.0″	25.12
SL-9.0-TGS	9.0″	28.26

PART NUMBER	MAX I.D.	CIRCUM
SL-10.0-TGS	10.0″	31.40
SL-11.0-TGS	11.0″	34.54
SL-12.0-TGS	12.0″	37.69
SL-13.0-TGS	13.0″	40.82
SL-14.0-TGS	14.0″	43.96
SL-15.0-TGS	15.0″	42.41
SL-16.0-TGS	16.0″	50.24

Standard lengths sold in 150′ increments.



BLACK POLY : RADIANT LINED

Radiant Lined Black Poly provides an economical way to bundle and insulate plumbing components that see little-to-no wear. A light PVC coating helps prevent further damage caused by high UV.

Typical Applications: Vac trucks, control valves

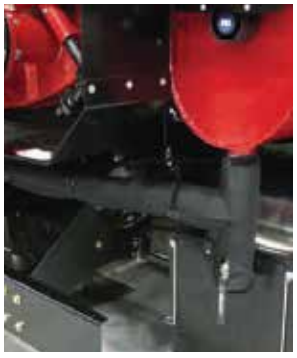
MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- UV PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING

For more information, see page 6.

PART NUMBER	MAX I.D.	CIRCUM
RL-1.5-600P	1.5"	4.71
RL-2.0-600P	2.0"	6.28
RL-2.5-600P	2.5"	7.85
RL-3.0-600P	3.0"	9.42
RL-3.5-600P	3.5"	10.99
RL-4.5-600P	4.5"	14.13
RL-5.5-600P	5.5"	17.27
RL-6.5-600P	6.5"	20.14
RL-7.5-600P	7.5"	23.55

Sold in 150' increments.



Used to insulate critical lines on Vac trucks.



1050 : RADIANT LINED

Radiant Lined 1050 is a great all around choice in temperature-reliant environments where mild abrasion is present.

Typical Applications: Diesel exhaust systems, wash down units

MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- UV PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING

For more information see page 4.

PART NUMBER	MAX I.D.	CIRCUM
RL-1.5-1050	1.5"	4.71
RL-2.0-1050	2.0"	6.28
RL-2.5-1050	2.5"	7.85
RL-3.0-1050	3.0"	9.42
RL-3.5-1050	3.5"	10.99
RL-4.5-1050	4.5"	14.13
RL-5.5-1050	5.5"	17.27
RL-6.5-1050	6.5"	20.14
RL-7.5-1050	7.5"	23.55

Sold in 50' and 150' increments.



Tailored to insulate and protect refuse truck lines.



5601 : RADIANT LINED

Radiant Lined 5601 combines the best of both abrasion resistance and thermal retention technologies. A heavy urethane coating prevents moisture/air penetration and protects in abrasive applications.

Typical Applications: Diesel exhaust systems, wash down units

MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- UV PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING

For more information see page 5.

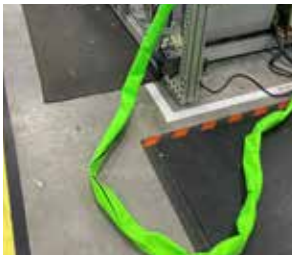
PART NUMBER	MAX I.D.	CIRCUM
RL-1.5-5601	1.5"	4.71
RL-2.0-5601	2.0"	6.28
RL-2.5-5601	2.5"	7.85
RL-3.0-5601	3.0"	9.42
RL-3.5-5601	3.5"	10.99
RL-4.5-5601	4.5"	14.13
RL-5.5-5601	5.5"	17.27
RL-6.5-5601	6.5"	20.14
RL-7.5-5601	7.5"	23.55

Sold in 50' and 150' increments.



Protects hoses and maintains viscosity in SPF applications.





Prevent tripping hazards with a bright indicator.



Show directional flow with colors and arrows.



Choose a logo to best suit the application containments.

MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING

DURABLE, CUSTOMIZABLE SLEEVE

Signal Sleeve was designed specifically as an economical solution for hose, cable and wire management to indicate and signal to the operator. Offering multiple material colors in conjunction with multiple logo options and printed color options, Signal Sleeve can be your guide.

Typical Applications: Static hoses on mobile equipment, power cord bundle, pneumatic lines, liquid transfer lines, A B transfer lines.

Features & Benefits:

- Lightweight and flexible
- Economical solution for a variety of bundling
- Provides a clean and professional look to any application
- Military grade hook & loop closure



ASSEMBLE YOUR SLEEVE:



1) Select sleeve color


Blue


Yellow


Neon Green

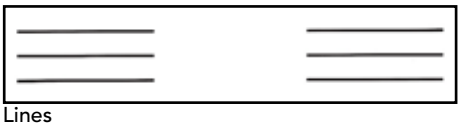

Red


Orange

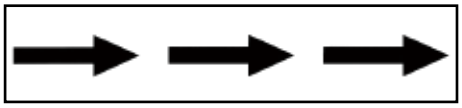
2) Choose a logo



Warning


Lines




Arrows



Python Logo



Custom Logo

3) Pick the ink color*

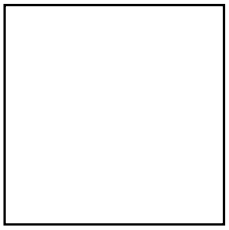
***Ink clarity may vary depending on sleeve color**


Red

Yellow


Green


Blue


White


Black

4) Build your part number

Sidewinder Sleeve

SL – Size – SS – Sleeve Color – Logo – Ink Color

Enter number based on sleeve diameter size (in)

1.0	4.0
1.5	5.0
2.0	6.0
2.5	7.0
3.0	8.0
3.5	-

Signal Sleeve

Color	Code
Blue	BL
Yellow	YW
Neon Green	NG
Red	RD
Orange	OR

Logo	Code
Warning	WA
Arrows	AR
Lines	LI
Caution	CA
Python	PY
Custom	CU

Color	Code
Red	RD
Yellow	YW
Green	GR
Blue	BL
White	WT
Black	BK

Examples: A blue sleeve that has a 1.75" diameter and a white warning logo = SL-1.75-SS-BL-WA-WT
A red sleeve that has an 8" diameter and no logo = SL-8.0-SS-RD

DIAMONDBACK LITE **TUBULAR SLEEVE**



Sleek Finish & Design



Abrasion protection



UV protection

UV & ABRASION PROTECTION

The Diamondback Lite Tubular Sleeve offers protection from abrasion and UV degradation. Diamondback Lite is made from a proprietary engineered fiber woven tightly and heat-treated, which shrinks the sleeve to the finished dimension.

Diamondback Lite uses the same solution dyed polyester yarn as the Diamondback and Diamondback PRO sleeves. This process gives Diamondback Lite excellent UV protection from fading and degradation.

Typical Applications: Agriculture, construction, utility mobile applications, and more

Features & Benefits:

- Protects hoses in abrasive environments; tested to ISO 6945 specifications
- Meets Conductivity Standard ISO 8031
- MSHA approved
- Excellent UV protection; AATCC 16OPT.3
- Temperature tested to 212°F continuous and 392°F intermittent
- Ultra tight construction reduces oil spillage
- Easy to install; cut to length with a scissors
- Tested to over 40,000 cycles

SIZING & ORDERING INFORMATION

TUBULAR SLEEVE

PART NUMBER	FLAT WIDTH	MAX I.D.
DBK-017-LTE	1.18″	0.67″
DBK-020-LTE	1.34″	0.79″
DBK-023-LTE	1.54″	0.91″
DBK-025-LTE	1.65″	0.98″
DBK-027-LTE	1.77″	1.06″
DBK-031-LTE	2.05″	1.22″
DBK-036-LTE	2.24″	1.42″

PART NUMBER	FLAT WIDTH	MAX I.D.
DBK-040-LTE	2.60″	1.57″
DBK-044-LTE	2.83″	1.73″
DBK-047-LTE	3.03″	1.85″
DBK-055-LTE	3.50″	2.17″
DBK-060-LTE	3.82″	2.36″
DBK-066-LTE	4.18″	2.62″
DBK-073-LTE	4.65″	2.87″

Standard lengths sold in 300′ increments.

See page 16 for dispenser options.

MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING

BAND CLAMPS

Fasten your sleeve to your hose assembly with band clamps.



ITEM #	WIDTH	I.D.
BC-1.75	1/4″	1.75″
BC-2.25	1/4″	2.25″
BC-3.25	1/4″	3.25″

PROTECT OPERATORS FROM HOSE BURST & PIN HOLE

Hydraulic hose failures are a serious hazard to both equipment and operators. Diamondback is designed to protect operators and meets the EU directive for line of sight and burst protection.

Diamondback is constructed using a proprietary fiber, tightly woven, providing highly effective abrasion protection. The weave produces a very sleek finish allowing Diamondback to easily slide over hoses and hose ends without snagging.

Typical Applications: Aerial lifts, mowers, cranes, forklifts, agriculture equipment, rock drills, hydraulic hand tools

Features & Benefits:

- Pin hole protection tested to 4,000 PSI, burst tested to 12,000 PSI
- Meets operator "Line of Sight" specification EN982 norm 833 EN414, ISO Reg. 3457:2003
- MSHA approved #IC-289/01
- Excellent UV, chemical, and abrasion protection
- Meets abrasion standards (ISO 6945 and ASTM D6770) tested to over 1 million cycles
- Ultra tight construction reduces oil spillage
- Cut to length; 50% less bulky than Cordura
- "Line of Sight" sizing chart. See doc PC-1387



Operator protection



Abrasion protection



UV protection

SIZING & ORDERING INFORMATION

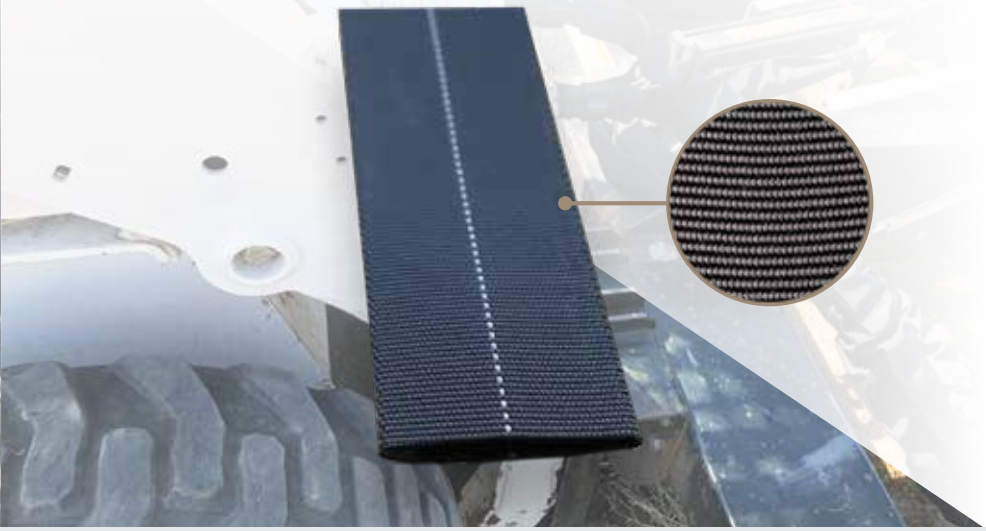
TUBULAR SLEEVE

PART NUMBER	FLAT WIDTH	MAX I.D.
DBK-017	1.18"	0.67"
DBK-020	1.34"	0.79"
DBK-023	1.54"	0.91"
DBK-025	1.65"	0.98"
DBK-027	1.77"	1.06"
DBK-031	2.05"	1.22"
DBK-036	2.24"	1.42"
DBK-040	2.60"	1.57"
DBK-044	2.83"	1.73"
DBK-047	3.03"	1.85"

PART NUMBER	FLAT WIDTH	MAX I.D.
DBK-055	3.50"	2.17"
DBK-060	3.82"	2.36"
DBK-066	4.18"	2.62"
DBK-073	4.65"	2.87"
DBK-080	5.02"	3.14"
DBK-093	5.87"	3.66"
DBK-100	6.30"	3.94"
DBK-112	7.05"	4.41"
DBK-127	7.75"	4.94"

Standard lengths sold in 300' increments.

See page 16 for dispenser options.



MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING



Operator protection



Abrasion protection



UV protection

FAST INSTALLATION FOR OPERATOR PROTECTION

Go PRO! Experience up to 80% faster installation times. Diamondback PRO is designed to protect operators and meets the EU directive for line of sight and burst protection.

Diamondback PRO is constructed using a proprietary fiber, tightly woven, providing highly effective abrasion protection. The weave produces a very sleek finish allowing Diamondback PRO to easily slide over hoses and hose ends without snagging.

Typical Applications: Aerial lifts, mowers, cranes, forklifts, agriculture equipment, rock drills, hydraulic hand tools

Features & Benefits:

- Pin hole protection tested to 4,000 PSI, burst tested to 12,000 PSI
- Meets operator "Line of Sight" specification EN982 norm 833 EN414, ISO Reg. 3457:2003
- MSHA approved #IC-289/01
- Excellent UV, chemical, and abrasion protection
- Meets abrasion standards (ISO 6945 and ASTM D6770) tested to over 1 million cycles
- Ultra tight construction reduces oil spillage
- Cut to length; 50% less bulky than Cordura
- "Line of Sight" sizing chart. See doc PC-1387

SIZING & ORDERING INFORMATION

TUBULAR SLEEVE

PART NUMBER	FLAT WIDTH	MAX I.D.
DBK-017-PRO	1.18"	0.67"
DBK-020-PRO	1.34"	0.79"
DBK-023-PRO	1.54"	0.91"
DBK-025-PRO	1.65"	0.98"
DBK-027-PRO	1.77"	1.06"
DBK-031-PRO	2.05"	1.22"
DBK-036-PRO	2.24"	1.42"
DBK-040-PRO	2.60"	1.57"
DBK-044-PRO	2.91"	1.73"
DBK-047-PRO	3.10"	1.85"
DBK-055-PRO	3.50"	2.19"
DBK-060-PRO	3.82"	2.38"
DBK-066-PRO	4.18"	2.62"
DBK-073-PRO	4.65"	2.88"

Standard lengths sold in 300' increments.

PART NUMBER	DESCRIPTION	WEIGHT	DIMENSIONS
DBK-DSP	Plastic Hose Dispenser	7 lbs	18" x 16½" x 11"
21999-0295	Metal Hose Dispenser	27 lbs	18" x 14" x 20"

Upgrade your hose sleeve organization with a Diamondback Roll Dispenser



MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING



SILICON-COATED HIGH TEMPERATURE FIBERGLASS

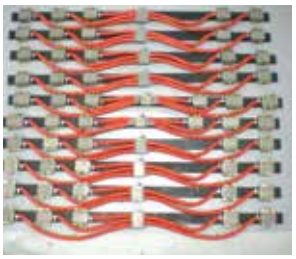
Fire Sleeve's bulk fiberglass base and iron-oxide silicon coating make it the optimal single line solution where molten metal splash, radiant heat, chemicals, and abrasion are present. The tubular style sleeve is designed to withstand continuous heat exposure up to 500°F and intermittent heat of up to 3000°F.

In addition to protecting hoses, cables, and pipes, Fire Sleeve can protect people from incurring scorching burn injuries. Offering both regular knitted and woven aerospace grade, the silicon coating allows the sleeve to remain extremely flexible and moisture resistant in tight radius and outdoor environments.

Typical Applications: Performance automotive, steel work, oil rigs, exhaust systems, high temperature cable and wiring systems

Features & Benefits:

- Unaffected by hydraulic fluids, lubricants, chemicals, and oils
- Withstands exposure to molten steel, aluminum, and glass
- Designed to protect against occasional flame
- Continuous exposure up to 500°F, intermittent up to 3000°F
- Insulates against energy or temperature loss



Protection from dust & rail sparks.



Flame & molten metal splash protection.



Protect wires from extreme engine temps.

SIZING & ORDERING INFORMATION

FIRE SLEEVE

PART NUMBER	MAX I.D.
FS-004	0.25″
FS-006	0.375″
FS-008	0.5″
FS-010	0.625″
FS-012	0.75″
FS-014	0.875″
FS-016	1″
FS-018	1.13″
FS-020	1.25″
FS-022	1.375″
FS-024	1.5″
FS-026	1.625″
FS-028	1.75″
FS-032	2″
FS-036	2.25″
FS-040	2.5″
FS-044	2.75″
FS-048	3″

PART NUMBER	MAX I.D.
FS-052	3.25″
FS-056	3.5″
FS-060	3.75″
FS-064	4″
FS-072	4.5″
FS-080	5″
FS-088	5.5″
FS-096	6″

FIRE SLEEVE AEROSPACE GRADE

PART NUMBER	MAX I.D.
FSA-004	0.25″
FSA-006	0.375″
FSA-008	0.5″
FSA-010	0.625″
FSA-012	0.75″
FSA-014	0.875″
FSA-016	1″
FSA-018	1.13″

PART NUMBER	MAX I.D.
FSA-020	1.25″
FSA-022	1.375″
FSA-024	1.5″
FSA-028	1.75″
FSA-032	2″
FSA-036	2.25″
FSA-040	2.5″
FSA-044	2.75″
FSA-048	3″
FSA-052	3.25″
FSA-056	3.5″
FSA-060	3.75″
FSA-064	4″
FSA-072	4.5″
FSA-080	5″
FSA-088	5.5″
FSA-096	6″



MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING



Protect soldered wires from harsh, high heat environments.



Shield critical wiring from heat & debris.



The tubular product offers an attractive & professional finish.

IMPROVES USABILITY AND PERFORMANCE

Therma Sleeve SD is a braided fiberglass sleeving that has been heat treated and impregnated with an acrylic binder to reduce fraying and dusting, and improve usability and performance. Therma Sleeve SD was engineered for applications where temperatures as high as 1200°F may be encountered.

Therma Sleeve SD may also be used as insulation and protection for small heaters and resistors that operate at high temperatures, and to insulate over soldered connections when exposure to solder melt temperature is possible.

Typical Applications: Mowing equipment, electronics, engine wiring, control panels on off-highway equipment

Features & Benefits:

- Engineered for high temperature, low voltage applications
- Continuous working temperature up to 1200°F / 2048°F Melt
- UL recognized: VW-1
- Easy to install, cuts with standard scissors
- Resists most organic chemicals
- Exellent low-temperature flexibility



Use Standard Duty Fiberglass to protect important electrical componentry from heat or abrasion.

SIZING & ORDERING INFORMATION

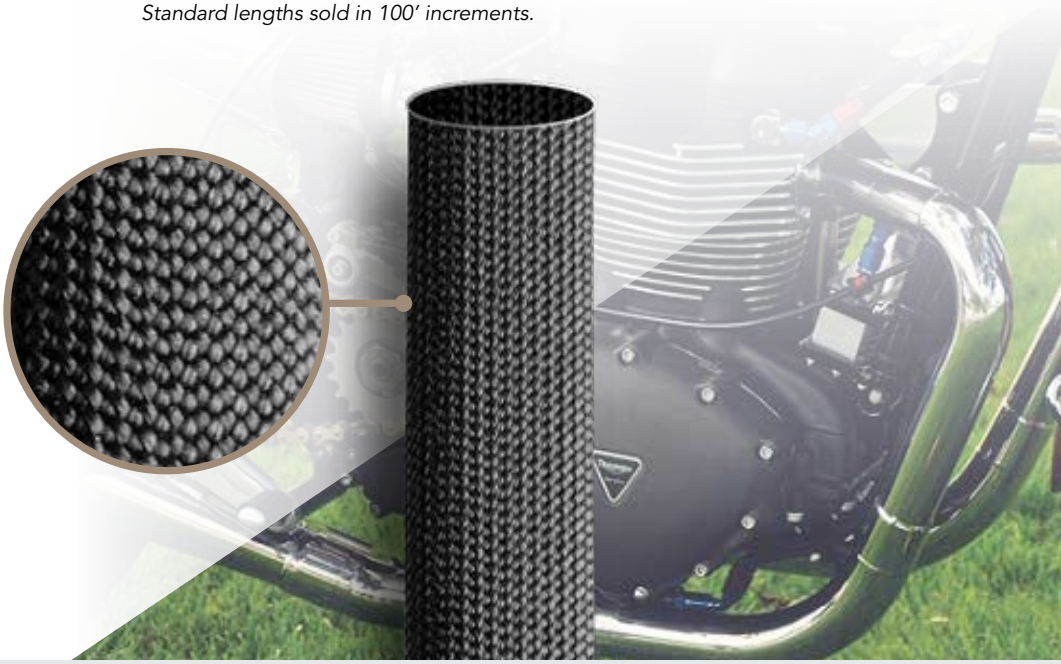
STANDARD DUTY ACRYLIC-COATED BRAIDED FIBERGLASS

SIZE	PART NUMBER	MAX EXPANSION	MINIMUM LENGTH
1/4"	TS-04-SD	.278	500'
3/8"	TS-06-SD	.399	200'
7/16"	TS-07-SD	.462	200'
1/2"	TS-08-SD	.524	200'
5/8"	TS-10-SD	.655	200'
3/4"	TS-12-SD	.786	200'
7/8"	TS-14-SD	1.04	100'
1"	TS-16-SD	.347	100'

Standard lengths sold in 100' increments.

MATERIAL ATTRIBUTES

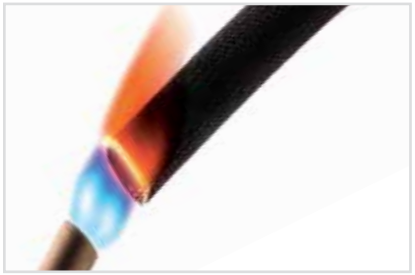
- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING



EXTREMELY TOUGH AND DURABLE

Therma Sleeve HD is an extremely high temperature resistant sleeve which is commonly used as thermal protection for cables, wires, and hoses that are subject to continuous and extreme high temperature environments such as engine manifolds and exhaust systems.

Therma Sleeve HD is braided from fiberglass yarns and coated with high temperature resins. Therma Sleeve HD is extremely tough and durable, maintaining its tight structure under extreme vibration, abrasion, mechanical stress and temperature variations. Therma Sleeve HD installs easily over a variety of applications to either deflect or retain heat in environments up to 1200°F.



Heavy Duty Fiberglass for applications where high temperatures or flame create risk for personnel or equipment.

Typical Applications: Locomotive hoses, drill rigs, race cars

Features & Benefits:

- Resin-coated, heavy weight fiberglass
- Continuous working temperature up to 1200°F / 2048°F Melt
- Heavy duty fiberglass won't burn, melt, or become brittle
- Easy to install, cuts with standard scissors
- Resists gasoline and engine chemicals
- High resistance to abrasion



Heavy Duty Fiberglass protects wiring in high performance automotive engines.



Gives a clean, professional look to critical components.



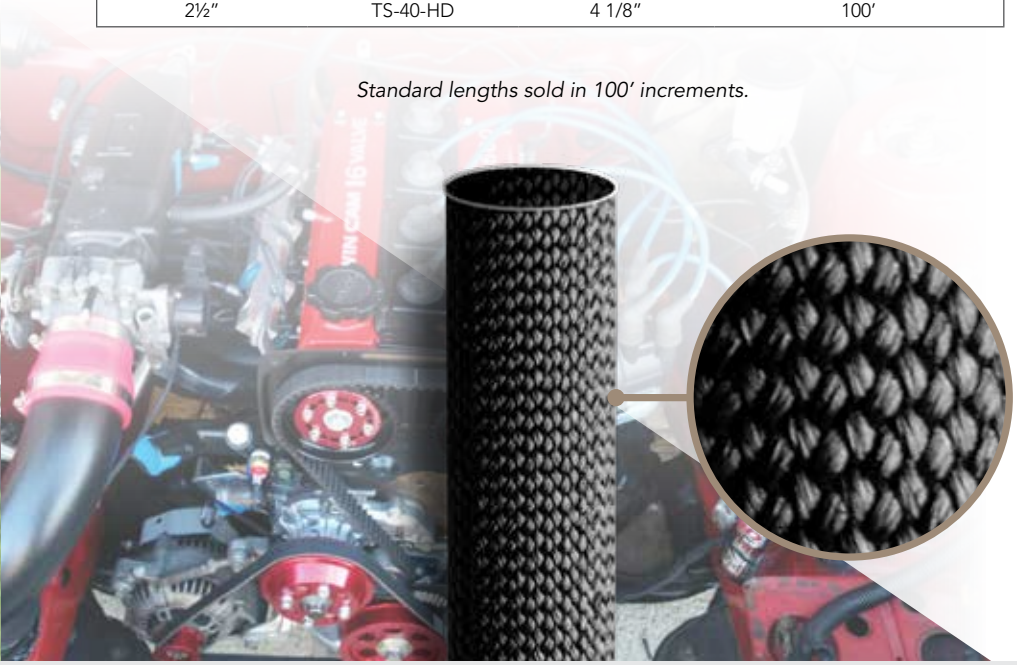
Outboard marine engines shield electrical wiring from high heat engine exhaust.

SIZING & ORDERING INFORMATION

HEAVY DUTY ACRYLIC-COATED BRAIDED FIBERGLASS

SIZE	PART NUMBER	MAX EXPANSION	MINIMUM LENGTH
1/4"	TS-04-HD	3/8"	200'
3/8"	TS-06-HD	5/8"	200'
1/2"	TS-08-HD	3/4"	200'
5/8"	TS-10-HD	7/8"	200'
3/4"	TS-12-HD	1 1/8"	200'
7/8"	TS-14-HD	1 1/4"	200'
1"	TS-16-HD	1 5/8"	100'
1½"	TS-24-HD	2 5/8"	100'
2½"	TS-40-HD	4 1/8"	100'

Standard lengths sold in 100' increments.



MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING



Excellent protection from abrasion & UV rays.



Gain quick & easy access for maintenance or repair.



Allow natural hose expansion & contraction preventing damage caused by nylon ties.

MATERIAL ATTRIBUTES

ABRASION RESISTANCE
S ▬▬▬▬
H ▬▬▬▬

PUNCTURE RESISTANCE
S ▬▬▬▬
H ▬▬▬▬

CHEMICAL RESISTANCE
S ▬▬▬▬
H ▬▬▬▬

UV PROTECTION
S ▬▬▬▬
H ▬▬▬▬

NON - WICKING ABILITY
S ▬▬▬▬
H ▬▬▬▬

SPALL / SPARK PROTECTION
S ▬
H ▬

WEIGHT / FLEXIBILITY
S ▬▬▬▬
H ▬▬▬▬

TEMPERATURE RATING
S ▬▬▬▬
H ▬▬▬▬

S = standard duty strap
H = heavy duty strap

ROBUST OPTION IN BUNDLE & SECURING APPLICATIONS

All straps feature Military-Spec Python Hook & Loop® closure to insure the strap will not open up without significant peel effort. The nylon backing combined with ultrasonic welded joints make Python the fastest & most dependable option for managing a variety of complex power applications.

Standard Duty: Nylon backing w/ Delrin/Polymide buckle
Heavy Duty: Double-backed Nylon w/ Nickel-plated steel buckle

Typical Applications: Corn planters, sprayers, excavators, tractors, bull dozers, industrial conveyors, fork lifts

Features & Benefits:

- Straps adjust and connect for use in 1000's of applications
- The fastest and strongest alternative to nylon ties and industrial tape
- Miitary-spec closure up to 10x stronger than traditional hook & loop
- Allows for natural hose expansion and contraction
- Fast and effective method for reducing maintenance and labor costs
- Usable, tear resistant and unimpacted by extreme environments



Eliminates injuries & prevents potential worker compensation claims.

SIZING & ORDERING INFORMATION

STANDARD DUTY CINCH STRAPS

PART NUMBER	MAX CIRCUMFERENCE
CS404	4"
CS406	6"
CS408	8"
CS410	10"
CS412	12"
CS416	16"
CS420	20"
CS424	24"

Standard duty straps sold in 25 packs.

HEAVY DUTY CINCH STRAPS

PART NUMBER	MAX CIRCUMFERENCE
CS404H	4"
CS406H	6"
CS408H	8"
CS410H	10"
CS412H	12"
CS416H	16"
CS420H	20"
CS424H	24"
CS430H	30"
CS436H	36"
CS440H	40"

Heavy duty straps sold in 25 packs.

STANDARD DUTY CINCH

HEAVY DUTY CINCH



THE NEXT GENERATION OF ROUTING TOOLS

Python Hanging Straps are used in place of traditional tube clamps, loop clamps & other discretionary fasteners. Grommets support hose bundles during assembly & become are to secure hoses in the desired location. Hanging Straps feature standard industrial-grade Hook & Loop technology allowing fast & easy access to hoses without the need for tools.

Standard Duty: Nylon backing w/ Delrin/Polymide buckle and Nickel-plated brass grommet
Heavy Duty: Double-backed Nylon w/ Nickel-plated steel buckle and Nickel-plated brass grommet

Typical Applications: Excavators, aerial lifts, motor graders, cranes, garbage trucks, service trucks, conveyors, industrial equipment, recreational vehicles

Features & Benefits:

- One part system eliminates the need for nylon ties, rubber coated loop clamps & other discretionary fasteners
- Military-Spec closure up to 10x stronger than traditional hook & loop
- Stainless steel grommet supports bundle during assembly & provides fast, easy access without the need for tools
- Provides assembly with a documented part location
- Allows for natural hose expansion & contraction
- Usable, tear resistant & unimpacted by extreme environments

SIZING & ORDERING INFORMATION

STANDARD DUTY HANGING STRAPS

PART NUMBER	MAX CIRCUMFERENCE
HS404	4″
HS406	6″
HS408	8″
HS412	12″
HS416	16″
HS420	20″

Standard duty straps sold in 25 packs.

HEAVY DUTY HANGING STRAP

PART NUMBER	MAX CIRCUMFERENCE
HS404H	4″
HS406H	6″
HS408H	8″
HS412H	12″
HS416H	16″
HS420H	20″
HS426H	26″
HS432H	32″
HS436H	36″

Heavy duty straps sold in 25 packs.





Hang equipment with nickel-plated brass grommet.



Prevent injury claims caused by traditional fixed hardware.



Hanging Straps provide a documented part location & allow access without the need for tools.

MATERIAL ATTRIBUTES

- ABRASION RESISTANCE — S ■■■■ H ■■■■
- PUNCTURE RESISTANCE — S ■■■■ H ■■■■
- CHEMICAL RESISTANCE — S ■■■■ H ■■■■
- UV PROTECTION — S ■■■■ H ■■■■
- NON - WICKING ABILITY — S ■■■■ H ■■■■
- SPALL / SPARK PROTECTION — S ■ H ■
- WEIGHT / FLEXIBILITY — S ■■■■ H ■■■■
- TEMPERATURE RATING — S ■■■■ H ■■■■

S = standard duty strap
H = heavy duty strap



Ideal where bundling hardware cannot move.



Python Hook & Loop with a heavy duty steel buckle



Stationary while allowing proper hose expansion.

PREVENT COMPONENT MIGRATION WITH GRIP STRIPS

The newest member to the Python family, Grip Straps are designed to replace traditional bundling hardware where constant vibration causes migration of critical stationary components.

The strap features standard Military-Spec Python Hook & Loop® and an added heavy duty silicone backing to resist walking in vertical hose runs. Grip Straps are easy to install and ideal in environments where moisture, frost, and constant vibration are present.

Grip Strap: Nylon backing w/ Nickel-plated steel buckle

Typical Applications: Rail equipment, cranes, manlifts, telehandlers, conveying equipment, mining equipment, vibratory packers

Features & Benefits:

- Ideal for vertical runs of hose, cabling, or wires
- Grip backing prevents migration in vibrating applications
- Allows for natural hose expansion and contraction
- Fast and effective method for reducing maintenance and labor costs
- Great solution for hoses that experience condensation or humidity



Vibratory hoses in manufacturing environments use Grip Straps to bundle expensive electrical lines.

SIZING & ORDERING INFORMATION

GRIP STRAP

PART NUMBER	MAX O.D.	CIRCUM.
CS404G	4"	3.14"
CS408G	8"	4.08"

PART NUMBER	MAX O.D.	CIRCUM.
CS412G	12"	4.71"
CS416G	16"	5.65"

Sold in quantities of 500 pieces.

MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING

Grip backing is ideal in applications where componentry migration increase the odds of equipment failure.



TENACIOUS HOSE & CABLE MANAGEMENT

Micro Straps are designed to provide the industry with an extremely low-profile tool for miscellaneous wires, cables, and cords. Similar to the Python line, Micro Straps are available in both cinch and hanging models to accommodate an array of applications.

Micro Straps are built on a molded Hook & Loop™ backing, allowing the straps to be quickly installed and trimmed to length. The reusable, high tenacity Hook & Loop featured on the Micro Strap is capable of carrying a stationary load of up to 45 lbs!

Micro Straps: Nylon backing with molded Hook & Loop™ and stainless steel hardware.

Typical Applications: Service truck electronics, packaging machinery, conveying equipment, automation, pneumatics & electronics

Features & Benefits:

- Low-profile design accommodates thousands of applications
- Access hose, cables, and wires in half the time compared to nylon ties
- Stainless steel hardware prevents corrosion in wet environments
- Allows for natural hose expansion & contraction
- Tenacious, yet lightweight and compact
- Hanging straps provide documented part location for OEM assembly
- Molded Hook & Loop™ is easily trimmed to length
- 0°F - 200°F Temperature



Reusable



Isolate hoses and trim to length



Allows expansion and contraction

SIZING & ORDERING INFORMATION

MICRO HANGING STRAP

PART NUMBER	STRAP SIZE	HOLE SIZE
HS8212M	12"	(8mm)

MICRO CINCH STRAP

PART NUMBER	STRAP SIZE	HOLE SIZE
CS212M	12 x ¾"	NA

Sold in quantities of 500 pieces.



MATERIAL ATTRIBUTES

- ABRASION RESISTANCE
- PUNCTURE RESISTANCE
- CHEMICAL RESISTANCE
- UV PROTECTION
- NON - WICKING ABILITY
- SPALL / SPARK PROTECTION
- WEIGHT / FLEXIBILITY
- TEMPERATURE RATING

PYTHON PUMP COVERS

Protect what matters most with today's most advanced concrete containment covers.



Expandable Burst Technology
Upon impact, internally tucked fabric releases, absorbing kinetic energy and ballooning the cover up to 30% of its original size.

Collect & Contain
Python's non-breathable ballistic fabric captures shrapnel big and small, mitigating the risk of property damage.

Rugged Simplicity
This unique design is extremely pliable, diesel-repellent and provides stress-free part management to businesses of all shapes and sizes.

NAME	EQUIPMENT	DESCRIPTION	ITEM #
Python Transition Elbow Cover	Boom Trucks	Standard elbow cover - fits most models	PY-TEC
Python Line Pump Elbow Cover	Line Pumps	Fits standard long radius / lazy elbows	PY-LPC
Python Placing System Line Cover - 12'	Placing Systems	12' overlapping cover for 10' line pipe sections & clamps	PY-PSC

Protected by U.S. Patent No. 11,313,493

SIDEWINDER BOOM PIPE WRAP

The Sidewinder Boom Pipe Wrap incorporates the most advanced insulation and abrasion-resistant materials to protect pumping equipment and provide better workability for ready-mix concrete.



Boom Trucks / Slickline



Line Pumps / Placing Hose



Placing Booms / High Rise

Thermal Retention
Boom Pipe Wrap maintains the concretes optimal temperature longer during placement in both hot and cold climates.

80% Faster Install = Getting the Job Done Faster
Boom Pipe Wrap installs up to 80% faster than alternative insulation methods.

Protect the Bottom Line
Provide years of resistance against moisture, abrasion and high UV rays at the jobsite and during wash down.

INSULATED ELBOWS

RADIUS/I.D.	ITEM #
22.5°/5.25"	BPE-22-GY-5
45°/5.25"	BPE-45-GY-5
90°/5.25"	BPE-90-GY-5
90° short /5.25"	BPE-90-SHORT-GY-5
22.5°/4.4"	BPE-22-GY-4
45°/4.4"	BPE-45-GY-4
90°/4.4"	BPE-90-GY-4



THERMAL INSULATION WRAP

WRAP I.D. (IN)	ITEM #	ROLL LENGTH (FT)
4.77	BPW-4.77-GY-50	50
4.77	BPW-4.77-GY	150
5.25	BPW-5.25-GY-50	50
5.25	BPW-5.25-GY	150

Boom Pipe Wrap is measured by the sleeve's Inner Diameter



SIDEWINDER SPRAY FOAM SLEEVE

The Sidewinder SPF Sleeve incorporates advanced insulation and abrasion-resistant materials to enhance spray-ability and provide higher yields.

Up to 60% Energy Savings
By containing thermal energy, Sidewinder helps maintain the optimal spray temperature for roofing, jacking, and insulating in polyurethane and polyurea applications.

Installs in Minutes
Ditch the duct tape! Sidewinder's hook and loop fasteners make installation a breeze.

Protects Againts Abrasion and High UV
The Sidewinder SPF Sleeve protects in wet, high UV applications and remains extremely flexible in temperatures ranging from -60°F to 250°F.

DESCRIPTION	ITEM #	DIAMETER (IN)
NON-INSULATED SLEEVE - 50' w/ end straps	SW-2173	2.38
NON-INSULATED SLEEVE - 50' w/ end straps, & fresh air hose pocket	SW-3190	2.38
NON-INSULATED COUPLER GUARD - 3' w/ straps	SW-2174	3.5
INSULATED SLEEVE - 50' w/ Radiant Liner & end straps	SW-2175	2.25
INSULATED SLEEVE - 50' w/ Radiant Liner, end straps, & fresh air hose pocket	SW-3172	2.25
INSULATED COUPLER GUARD - 3' w/ Radiant Liner & straps	SW-2176	3.5
WHIP HOSE COVER - 7' w/ end straps	SW-2413	2.38
WHIP HOSE COVER - 22.6' w/ end straps	SW-2545	2.38

SIDEWINDER DRUM HEATERS

The Sidewinder Drum Heater provides optimal flow and viscosity of materials while avoiding the chances of boiling and froth. This drum heater is available for 55-gallon drums and in two control options - integrated or fixed - to fit your application needs.

DRUM HEATER WITH CONTROLLER



Prevent Frozen & Spoiled Materials
Eliminate the stress of damaged materials due to improper storage or unpredictable environmental conditions.

Set Desired Temperature
The integrated controller comes standard and allows the user to set desired temperatures for optimal flow and viscosity.

Get Jobs Done on Time
Count on your materials being ready for the job site every time with the temperature-controlled Sidewinder Drum Heater.

ITEM #	DESCRIPTION	HEIGHT	CIRCUMFERENCE
SDH-055-120	Insulated Drum Heater	34"	79 ¾"

FIXED TEMP DRUM HEATER



Choose the Best Material Temp for the Job
Available in 80°F & 100°F to store materials properly and avoid spoilage, freezing, or overheating.

Set & Forget
Secure the heater on the barrel, plug it in, and forget - it'll keep materials at the internal controls fixed temp.

Reliable & Efficient Heating
After initial set-up, the materials will always be ready to use, increasing overall productivity.

ITEM #	DESCRIPTION	HEIGHT	CIRCUMFERENCE
SDH-055-FT80	Sidewinder Drum Heater / 55 Gallon / 80F Fixed Temp	34"	79 ¾"
SDH-055-FT100	Sidewinder Drum Heater / 55 Gallon / 100F Fixed Temp	34"	79 ¾"



Ice Fishing

Keep propane flowing for all-day ice fishing.



Camping & Hunting

Reliable propane heat for winter camping & hunting trips.

DUAL 30-POUND PROPANE TANK WARMERS

Protect regulators from freezing and increase propane life in cold environments with Python's maintenance-free propane covers.

Resist the Elements

Features a flexible PVC coated cover that is UV-resistant, flexible, with the ability to protect the tanks and regulator from road grime and Mother Nature's best.

Eliminate Headaches

Python's non-breathable ballistic fabric captures shrapnel big and small, mitigating the risk of property damage.

Add Protection + Efficiency

This unique design is extremely pliable, diesel-repellent and provides stress-free part management to businesses of all shapes and sizes.

Features & Benefits:

- Flexible cover to replace plastic cover; no more bungee cords
- Keeps tanks warm; stops freeze up
- Prolongs burn life
- Promotes clean burning of propane
- 120VAC, 200W, 1.67 Amps; minimum watt draw does not tax generator
- PVC coating with polyester substraight prevents UV degradation

SIZING & ORDERING INFORMATION

ITEM #	DESCRIPTION	DIMENSIONS
PTW-302	Dual 30-Pound Propane Tank Warmer	36" x 24" x 8"
PTW-302-L	Dual 30-Pound Propane Tank Warmer w/ Lid	36" x 24" x 8"
PTW-302-NL	Dual 30-Pound Propane Tank Warmer for Tank Box	24" x 10" x 9"



Built-in heating element warms application to optimal temperature.



PTW-302
Tank Warmer w/o Flip Lid



PTW-302-L
Tank Warmer with Flip Lid



#PTW-302-NL
Tank Box Model

INDUSTRIAL BLANKETS AND COVERS

With our textile expertise in custom sewing, our team of dedicated engineers have the ability to add heating or thermal elements to any product. Our elements are high quality, just like our existing covers and material options.

Say goodbye to frozen pipes, valves, containers, equipment, and machinery with a custom made thermal blanket or cover. Each blanket or cover can have additional care-free features such as set-and-forget controllers and built-in temperature monitoring. Regulate your equipment in ways you haven't been able to before.

Benefits of Custom Thermal Covers

Reliable, long-lasting, and quality are the three words we live by when designing the ideal cover to meet your goals and coincide with your operations. We strive to be an asset to your operations with each cover we supply.

- Ensure the safety and longevity of your critical materials.
- Enhance the performance and uptime to ultimately optimize material
- Store your materials worry-free during cold weather months.



In addition to internal elements, your custom cover can feature:

- Straps
- Grommets
- Hook and Loop Technology
- Flip lids for easy access
- Temperature controller
- Regulating system





Mufflers

Mufflers designed to fit your fleet.



DEF Tank

Keep your tank safe from the elements all year long with radiant lined jacket.



Additional Features

Straps, grommets, hook-and-loop, and more to ensure your cover is engineered for your application.



Slide Axle Trailer

Python sleeve used to form a rod boot, protecting hydraulic cylinder rods from rocks and other road debris.



Back Hoe Attachment

Hoses seeing abrasion and pinch points are bundled and secured with grip straps.



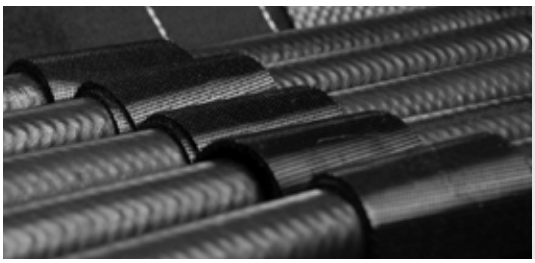
Combine Head Attachment

Axillary hose sleeve with internal straps prevents hoses from dangling around the drive wheels.

CONFIGURE YOUR PART

We've combined the latest in digital manufacturing with our proprietary products to offer on-demand configurable parts for equipment manufacturers.

This platform strengthens your supply chain with a partner capable of providing instant quotes with rapid turnaround; it's why Python's automated configurator system is leading the way in commercial-grade textile production.



TURNKEY SOLUTIONS

- **High Temp Covers**
- **Electrical Sleeving**
- **Energy Chain Covers**
- **Industrial Straps & Hose Guides**
- **DEF Tank Covers & more!**

Our Vendor Management Inventory program provides superior supplier benefits including:

- Upstream and downstream collaboration
- Quality forecasting, safety stocks, lead time, service level, etc.
- Elimination of stock-outs
- Customer visibility of inventory levels
- Continuous review of the agreement to offer improvements

Wide Range of Sizes | Multiple Fabrics | Straps and/or Hose Guides | Mounting Hardware | Printing/ Branding

INDUSTRY SOLUTIONS:

No matter what industry your equipment serves, **protecting the integrated systems is of paramount importance to maximize the lifespan of the equipment.**



LOOKING FOR MORE? WE'VE GOT YOU COVERED!

We have an extensive amount of sewing processes and machines that are utilized to produce standard off-the-shelf products. In addition to the mass production equipment, Python's in-house expertise and wide range of custom machines are available to assist in creating your custom and unique solution.

As an ISO-certified business, we're capable of manufacturing quality solutions for today's unique equipment. From hay catchers to bellows covers, our staff is available to help you succeed in any environment.

What You Can Expect:

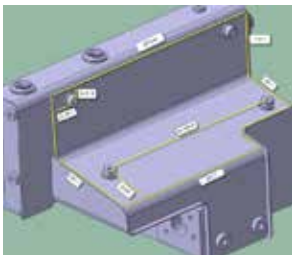
Python Covers strives for LEAN Manufacturing in every process within our building. From door to door, you can count on consistency and reliability in your experience.

1. Idation & design with our experienced in-house engineering team
2. Engineered prototypes are streamlined and sent to the customer for approval
3. LEAN manufacturing process guides our production team to produce parts quickly
4. Quality inspections on first and last articles using our ISO 9001:2015 standards



Python is proud to offer a full suite of options for our OEM customers. Our unique industrial textile services include:

- Concept Design
- CAD Modeling
- Rapid Prototyping
- Sample Marketing
- Product Testing
- Mass Production
- Graphic Art Printings



Product Design & Development

Our textile engineers can design parts to order.



Product Testing

We can test against heat, vibration, abrasion high pressure and more.



Fabricating & Converting

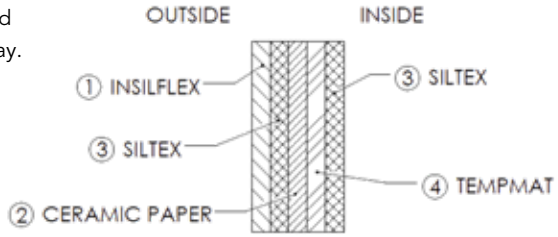
Ask about our fabricating and converting services!



High-Quality Custom Machining; Made in the USA!

CUSTOM PART PROCESS

At Python Covers, our goal is to streamline the custom order process so you quickly receive the parts you're needing for your industry or application. From start to finish, our experienced engineers work with you to ensure your needs and expectations are met every step of the way. We believe collaboration is the key to designing innovative textile technology made to last.



Here to help you from ideation to creation, the Python team has you covered to ensure your custom part improves your ROI by making operations more efficient, smooth, and reliable.

Step 1: Meet with the Team

When getting things started, you are going to meet with our professional team of engineers so they can get a better understanding of what your custom part needs to do. In this discovery phase, we will determine the purpose of the custom solution and draft a few general designs so we can get into the material selection step of the process.

Step 2: Select the Materials

Choose from a wide range of materials and determine how many layers of insulation are required.



Step 3: Configuring Your Part

These are the final touches to the design that will make it especially unique to your application needs. This may include adding:

- Fasteners
- Hook & Loop
- Grommets
- Straps



Step 4: Prototype and Fitting

Our team of engineers will build the prototype based on the design, chosen fabric, and configurations decided on. Once the protoype(s) are made, we will put them onto the application to ensure it fits perfectly. If any updates are needed, we'll make a new prototype until it's right.

Step 5: Mass Production Capabilities

Once the protype is perfected, our team will ensure the part is made the same as the next. Here at Python, we value consistency, communication, and top-quality products.



GET STARTED WITH US

Please fill out these questions prior to speaking with an engineer.

Custom parts may require a vast amount of needs. When looking for a solution, we first diagnose the problem and then ask clarifying questions. Our goal is to satisfy your needs, so you get the right part(s):



Is abrasion a factor?

Is temperature a factor?

What is the end use?

Does the closure need extra enforcement?

Does it need straps to secure the sleeve?

Does it need to be fastened to anything on the ends?

When looking for a solution to a problem for a total custom part you are manufacturing, these are the questions you may be asked. This is typically a 3 Dimensional cover or part that requires a special solution involving patterning and/or custom solution materials. Total custom parts often have a more complicated solution to solve:

What environmental factors are at play?

Is the temperature too high?

Which part needs protecting?

What is the max running temperature?

What are you needing protection for? Human touch? Protecting cables?

Will the part see inclement weather? (eg. outdoor abrasion from dirt, sand or any other abrasive elements)

Our team takes care of the rest.

After you complete these questions, there/s nothing left for you to do! Our team will ask clarifying questions, chat to ensure we know what you are looking for and get started on a custom design to get your solution.

When the design is complete, we will create prototypes to test, and you can see the prototype yourself! Our engineers are professional and communicative throughout the custom design process.

Once the final design is approved, we will get to work to produce what you need and get it distributed in a timely manner. From start to finish, Python will walk you through the process and ensure our results are exactly what you were looking for when choosing to find a custom solution for your application.

NOTES

OTHER NOTES:

NOTES

OTHER NOTES:

NOTES

OTHER NOTES:

INDUSTRY **SOLUTIONS**

We manufacture thousands of unique solutions in order to provide the perfect fit. Regardless of the application, we've got you covered!



AGRICULTURE

Sidewinder is a more robust solution in place of traditional energy chain cable carriers.



CONSTRUCTION

Recreational vehicles use custom designed quick-buckle strap for accessory attachments.



DEFENSE

US Navy Ships rely on Sidewinder covers to protect "U" joints from saltwater corrosion.



INDUSTRIAL

Sidewinder can be custom colored and cut-to-length to accommodate for factory install.



OIL & GAS

Straps allow hose expansion and contraction preventing damage caused by nylon ties.



TRANSPORTATION

Custom sleeve protects operators from high temperature material on asphalt repair trucks.



UTILITIES

Exhaust covers protect sensitive engine components from exhaust manifold heat.



SUBURBAN
MANUFACTURING GROUP

Building value for our customers by producing quality, innovative, engineered, application-based products.

Suburban is an engineering driven organization that partners with our customers to design and develop unique and specific solutions for multiple application specific needs in the Defense, Hydraulics, Oil & Gas, Automotive, Agriculture, Construction, Utilities, and Industrial markets. In addition to custom engineered solutions, Suburban offers a complete line of standard products sold under the Python, LubeMinder®, and Tsunami brands.

TSUNAMI
COMPRESSED AIR SOLUTIONS

CLEAN, DRY AIR

Providing the highest-grade clean, dry air, our systems filter out oil, water, and dirt that build up in compressed air systems and interrupt daily business.



AIR DRYERS & FILTRATION SYSTEMS



GRADE D BREATHING AIR



AIR HOSES, DRAINS & ACCESSORIES

LUBEMINDER
OIL & GREASE SYSTEMS

MODERN DAY PROTECTION

Our lubrication systems automatically grease and oil machinery - reducing the overall time spent maintaining tools and increasing the life of equipment.



AUTOMATIC OILING SYSTEMS



AUTOMATIC GREASE SYSTEMS



MANUAL GREASE BANK SYSTEMS

PYTHON
PROTECTIVE SLEEVE + COVERS

EQUIPMENT & OPERATOR PROTECTION

Protect hoses, wires, and cables from abrasion, temperature, moisture, and ruptures with our easy-to-use sleeves and straps.



WRAP SLEEVES



TUBULAR SLEEVES



BUNDLING STRAPS

SUBURBAN
MANUFACTURING GROUP

Contact your distributor or call 1.800.782.5752
10531 Dalton Ave NE | Monticello, MN 55362 | **GOSUBURBAN.COM**