



MIL SPEC MIL-DTL_22706(G) CE

Patent number : BE 2019/0109



TECHNICAL SPECIFICATION

Air Start Hose, 4 Ply Reinforced Silicone Hose to ensure safe use and reliability. The hose is constructed from specially compounded heat and oil resistance rubber that will withstand temperatures up to 500°F (260°C) and as low as -80°F (-62°C).

To enhance dimensional stability and flexibility and Abrasion resistance, the hose has heat resistant reinforcements, UV resistant and withstands exposure to common ramp chemicals including most solvents, oils, fuels, and Skydrol.

BUILT TO EXCEED THE DEMANDING NEEDS OF THE GLOBAL AVIATION INDUSTRY

CERTIFICATION : ISO 9001, ISO 14001 & ISO 45001 / OHSAS 18001
PATENT NUMBER BE : 2019/0109
According to MIL SPEC MIL-DTL_22706(G)
CE

AVAILABLE LENGTHS : 30,40,50,60 FEET or on request.
With or without scuff protection.

PROPERTIES :	INSIDE DIAMETER	3.5 in. (89 mm)
	WALL THICKNESS	3/16 in. +/- 1/32 in. (4.76 mm +/- 0.8 mm)
	WEIGHT PER FT. (M)	1.1 lbs. (0.5 kg) without scuff.
	HIGH TEMPERATURE	500°F (260°C)
	LOW TEMPERATURE	-80°F (-62°C)
	BURST STRENGTH	450 psig (3,100 kPa)
	MAXIMUM STATIC LOAD	2,000 lbs. (907 kg)
	PROOF PRESSURE TESTED	200 psig (1,379 kPa)
	STANDARD LENGTHS	20-60 ft. (6-16.75 m)
	NUMBER OF FILAMENTS	210
	Linear density dtex 1100	
	Breaking force approx. 90N	
	Elongation at break approx. 12%	
	Hot air shrinkage (2 min at 180°C) approx. 6%	
	Tailor made solutions available.	



All our products are fully tested prior to leaving our facility, and are issued with test certificates, along with guide information concerning management and care to ensure you get the maximum serviceable life.

ISO 9001, ISO 14001 & ISO 45001 / OHSAS 18001

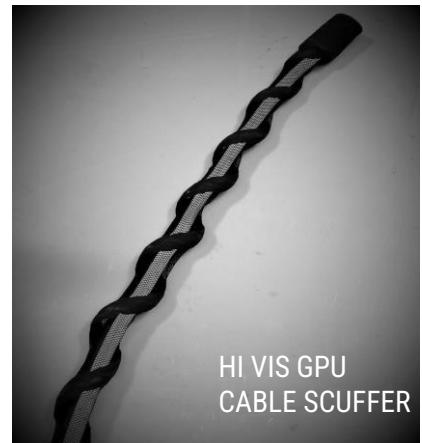
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MIL_DTL6000D



JET AIRSTART HOSES



LOW PRESSURE SILICONE





Your airport staf will love it, less effort.

LCD wear strip, easier to drag.

Field-proven for long service life.

Lightweight for easy handling and storage.

Replaceable scuffer jackets protect the hose from damage caused by dragging and scuffing over concrete ramps and runways.

Call or E-Mail your inquiry today for complete assemblies or individual components.

Multiple color configurations possible.



P/N ASH-SC-100

With UV resistant
LCD Strip - Low drag



P/N ASH-SC-200 RED

With UV resistant
RED Strip - Low drag



P/N ASH-SC-300 BLACK

With UV resistant
NO Strip - Low drag



P/N ASH-SC-400 RUBBER WEAR
BAND VULCANIZED ON IT



P/N ASH-SC-500

For militairy application
Low drag
White



P/N ASH-SC-600

Full rubber
Heavier – IP65



P/N ASH-SC-700

IP54 – Low drag
Black

CE

***Lightweight ~ Durable
~ Long Service Life***





Sectional view of **AIRSTARTHOSE**

WALL THICKNESS

3/16 in.

HIGH TEMPERATURE RESISTANCE
(260°C)

500°F

With inner reinforcement layer





Air Start Hoses

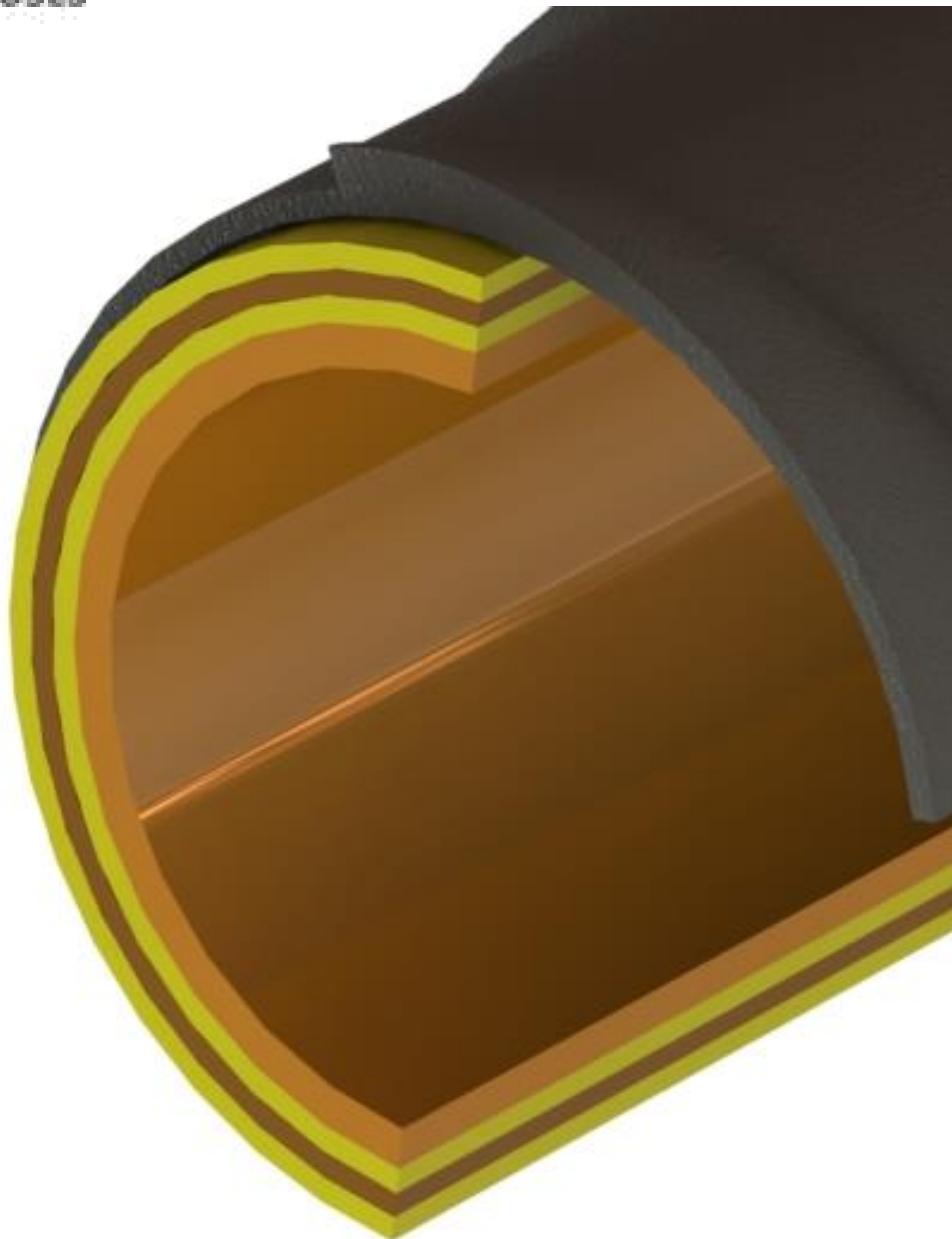
BUILT TO EXCEED THE DEMANDING NEEDS OF THE GLOBAL AVIATION INDUSTRY

Length	Part Number	Description	Scuff only
10 Ft	ASH-10	Hose, Airstart 10 Ft	ASH-10 Scuff
20 ft	ASH-20	Hose, Airstart 20 Ft	ASH-25 Scuff
25 ft	ASH-25	Hose, Airstart 25Ft	ASH-25 Scuff
30 ft	ASH-30	Hose, Airstart 30 Ft	ASH-30 Scuff
35 ft	ASH-35	Hose, Airstart 35 Ft	ASH-35 Scuff
40 ft	ASH-40	Hose, Airstart 40 Ft	ASH-40 Scuff
45 ft	ASH-45	Hose, Airstart 45 Ft	ASH-45 Scuff
50 ft	ASH-50	Hose, Airstart 50 Ft	ASH-50 Scuff
60 ft	ASH-60	Hose, Airstart 60 Ft	ASH-60 Scuff
70 ft	ASH-70	Hose, Airstart 70 Ft	ASH-70 Scuff
80 ft	ASH-80	Hose, Airstart 80 Ft	ASH-80 Scuff
100 ft	ASH-100	Hose, Airstart 90 Ft	ASH-100 Scuff

No length limits | Tailor made



AIRSTARTHOSES



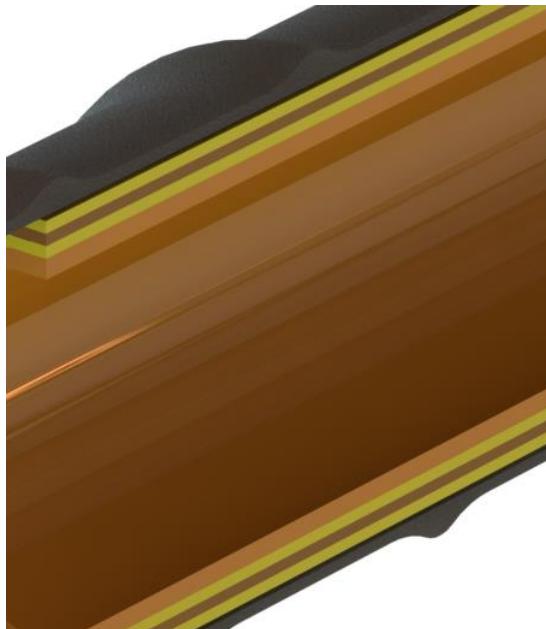
INNOVATING MULTI LAYER VULCANIZED HOSES

REVOLUTIONARY

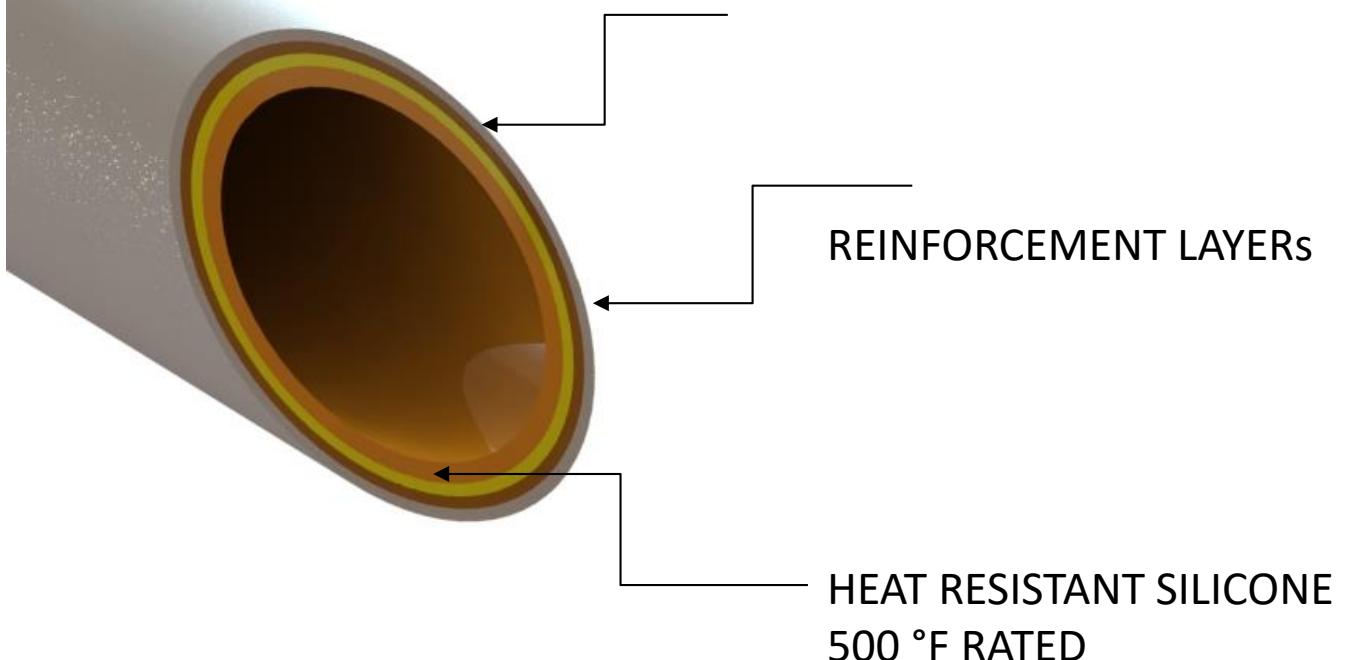
Reinforced Silicone Hose ! Exceeding current standards

Exceeding the ramp industry standards

GET YOUR FREE SAMPLE



OUTER LAYER SPECIAL PROFILE
HELPS SLIDING AND ABRASION
RESISTANT



AIRSTARTHOSE AND AIRSTART COUPLER ATTACHMENT



STEP 1

SLIDE AIRSTARTHOSE COMPLETELY OVER THE BARBS, USING SOAP | WD40



STEP 2

HOSE SHOULD FIT TIGHT AND MAKE CONTACT WITH FITTING SHOULDER



STEP 3

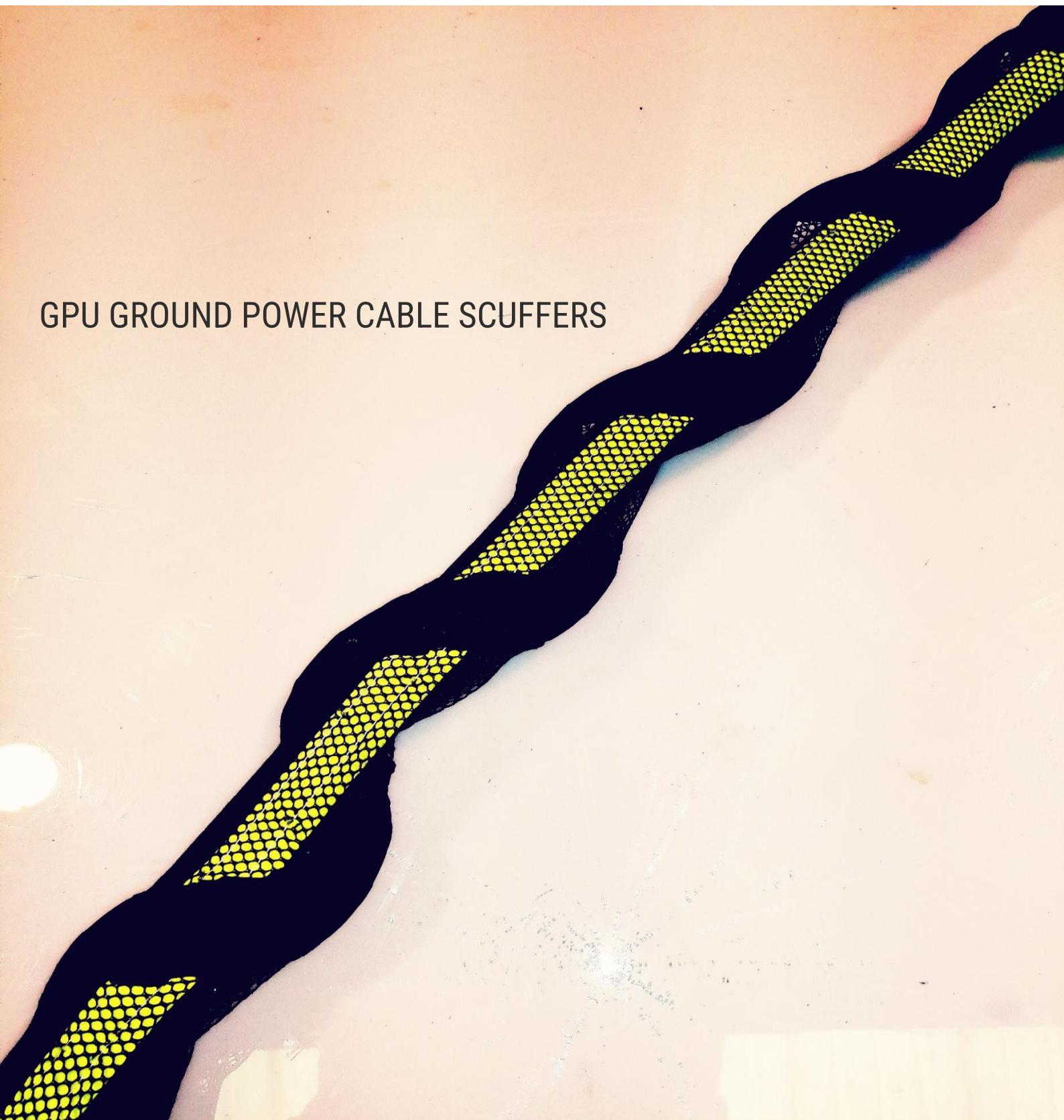
CLAMP HOSE ACCORDINGLY TO 22.8 NM TORQUE ABOVE INNER MOST BARB



STEP 4

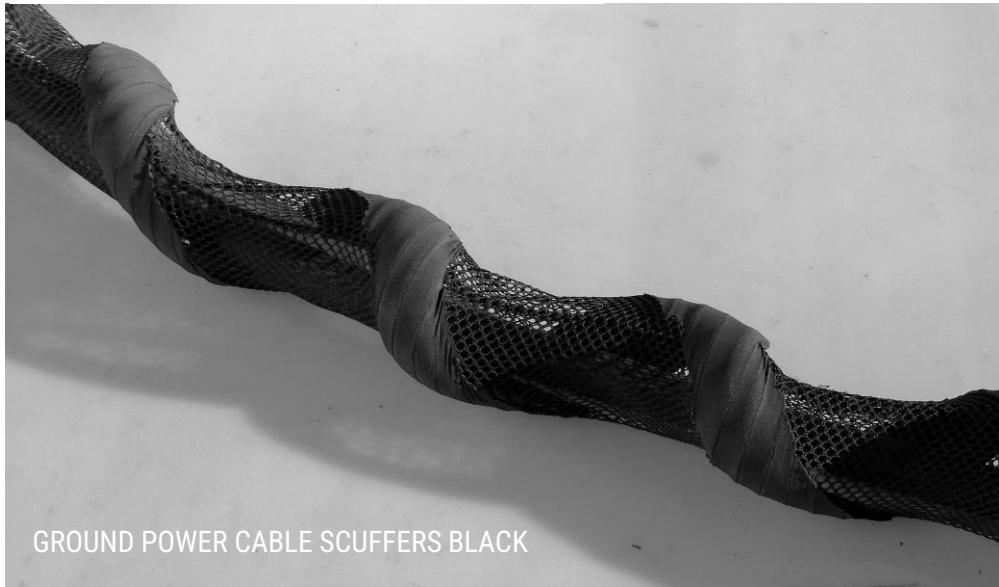
SECOND CLAMP BELOW OUTER MOST HARB
22,8 NM TORQUE

GPU GROUND POWER CABLE SCUFFERS



AIRSTARTHOSES

GPU GROUND POWER CABLE SCUFFER



GROUND POWER CABLE SCUFFERS BLACK



HI VIS

PROPERTIES

The innovative Low Coefficient Aircraftplugs Ground Power Cable Scuffer : durable, flexible, and lightweight cable scuffer at industrial strength increases Increase safety on the ramp through reducing hazards of worn or bare cables.

- Abrasion-resistance and easy-handling
- Increase safety on the ramp through reducing hazards of worn cables or cable over runs.
- Reducing stress on head-to-cable connections
- Significantly reducing operator fatigue
- Improving safety through high visibility
- easy-handling and will save time and money by significantly increasing the cable life.
- Tailor made dimensions available with short lead times.

PARTNUMBERS

PART	Configuration
ACP-CABLE-SCUFF30ft	30 ft cable scuffer black
ACP-CABLE-SCUFF50ft	50 ft cable scuffer black
ACP-CABLE-SCUFF30ft-B	30 ft cable scuffer brown
ACP-CABLE-SCUFF30ft-HIVIS	30 ft cable scuffer black with hi vis
ACP-CABLE-SCUFF50ft-HIVIS	50 ft cable scuffer black with hi vis



CUSTOM ENGINEERED INDUSTRIAL RUBBER HOSE - CALENDERING



- TAILOR MADE LENGTHS
- CUSTOM TUBE LININGS
- CUSTOM WALL THICKNESS
- REINFORCEMENT OPTIONS
- WE ENGINEERED COVER

PARTNUMBERS

SCUFF HOSE PART	Configuration
ACP-CABLE-SCUFF30ft	30 ft cable scuffer black
ACP-CABLE-SCUFF50ft	50 ft cable scuffer black
ACP-CABLE-SCUFF30ft-B	30 ft cable scuffer brown
ACP-CABLE-SCUFF30ft-HIVIS	30 ft cable scuffer black with hi vis
ACP-CABLE-SCUFF50ft-HIVIS	50 ft cable scuffer black with hi vis



AIRSTARTHOSES

GPU GROUND POWER CABLE SCUFFER



PARTNUMBERS

SCUFF HOSE PART	Configuration
ACP-CABLE-SCUFF30ft	30 ft cable scuffer black
ACP-CABLE-SCUFF50ft	50 ft cable scuffer black
ACP-CABLE-SCUFF30ft-B	30 ft cable scuffer brown
ACP-CABLE-SCUFF30ft-HIVIS	30 ft cable scuffer black with hi vis
ACP-CABLE-SCUFF50ft-HIVIS	50 ft cable scuffer black with hi vis

CE



PARTNUMBERS

LAV Hose

- Molecularly bonded and heat-sealed
- Nylon rod reinforced
- Used in both positive and negative pressure applications
- Temperature range: -65 to 200 degrees
- Fahrenheit (-53.89 to 93.33 degrees Celsius), continuous
- Excellent UV stabilization for outdoor use
- Mold and mildew inhibitors
- Meets UL94VTM-O standards
- It is a translucent blue, lightweight, airtight, crush and puncture resistant urethane hose with a nylon rod spring helix. It is normally sold in 8ft or 10ft or 12ft lengths (others available) with durable urethane soft cuffs for ease of attaching and sealing the ends.
- BUILT TO EXCEED THE DEMANDING NEEDS OF THE GLOBAL AVIATION INDUSTRY

Translucent Urethane Lavatory Hose



CERTIFICATION : Meets UL94VTM-O standards

We offer the finest LAVATORY HOSE to meet our customers' needs.

Hoses come standard in 4" diameter and in lengths of 8', 10' and 15' and 20 feet and is made of durable, premium lavatory hose with outstanding features : - Temperature – 40°C to +90°C (-40°F to 194°F) - 30% more abrasion resistant than most of the hoses.

A unique spiral construction that welds a protective polyurethane-coated wire to the hose wall - Lasting 4 times longer than any other hoses used in the same application.

The ultimate hose provides a long and un-interrupted service.

Molecularly bonded and heat-sealed, Nylon rod reinforced

Used in both positive and negative pressure applications.

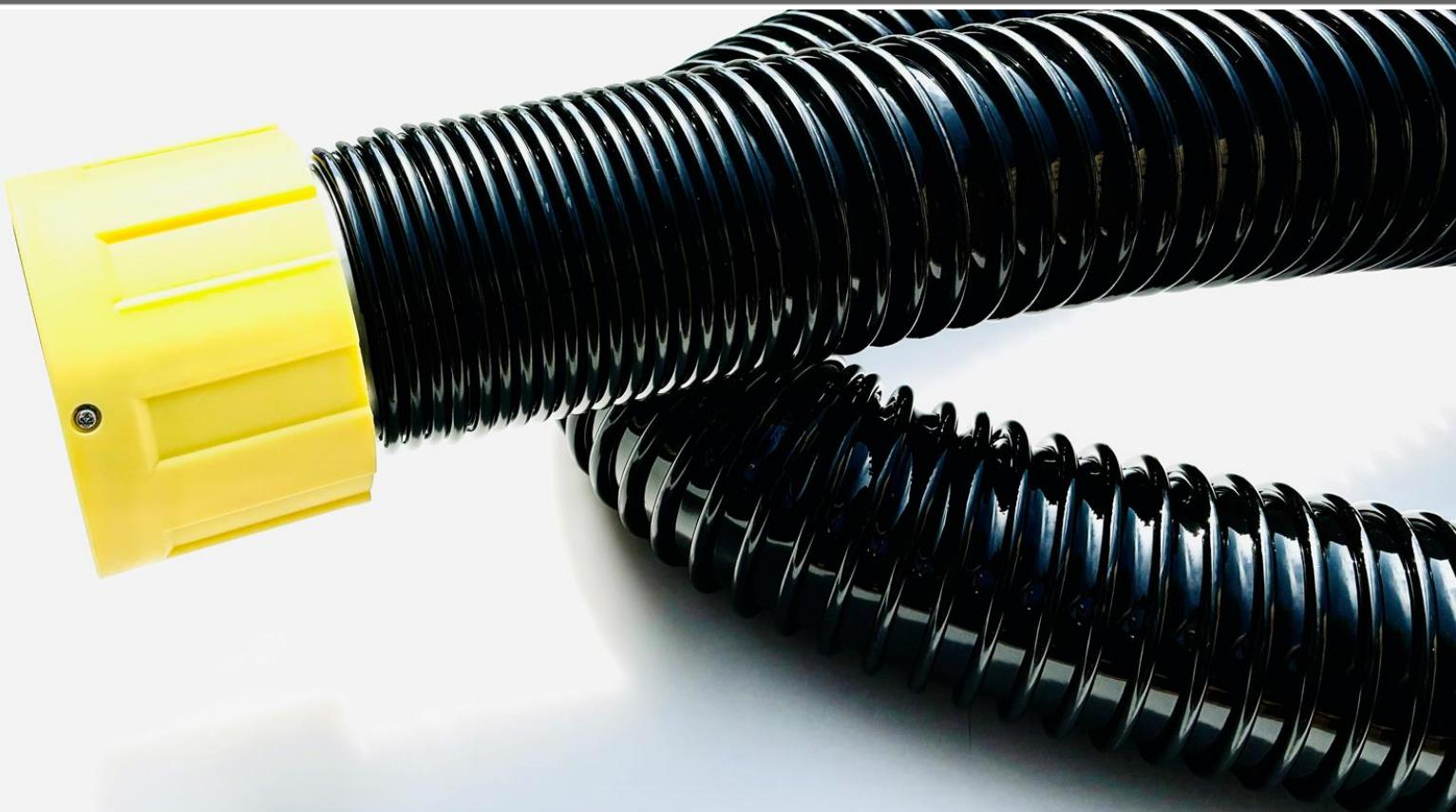
The original Crush-Proof Lavatory Hose.

Excellent UV stabilization for outdoor use

Mold and mildew inhibitors (Pictures and data are non binding and can be changed by the manufacturer without notice)

BUILT TO EXCEED THE DEMANDING NEEDS OF THE GLOBAL AVIATION INDUSTRY

AVAILABLE LENGTHS : 8,10,12,15 or 20 FEET or on request.



CE

PARTNUMBERS

LAV Hose (Any length on request)

HOSE PART	Configuration
ACP-LAV-8ft	LAV Hose 8 ft Clear Blue
ACP-LAV-12ft	LAV Hose 12 ft Clear Blue
ACP-LAV-15ft	LAV Hose 15 ft Clear Blue
ACP-LAV-8ft-BLACK	LAV Hose 8 ft BLACK
ACP-LAV-12ft-BLACK	LAV Hose 12 ft BLACK



Available insulated or non-insulated and in any diameters ranging from 5 inches to 36 inches. Various lengths are available to suit your needs from 3 feet to 40 feet. Ducts can be finished with plain cuffs, zippers, Velcro or a combination thereof. Steel wire or polymer wire reinforced.

Advantage of our polymer reinforced wires is the durability and flexibility.

Large stock levels, designed for use with aircraft air conditioning and heating units..

Fabrics are flame resistant in accordance with the UL94VTM-O Testing Methods.
Abrasion resistant scuff strip

HOSE PART	Configuration
ACP-C-PCA-8 inch – specify length	Hose 8 inch
ACP-C-PCA-10 inch – specify length	Hose 10 inch
ACP-C-PCA-12 inch – specify length	Hose 12 inch
ACP-C-PCA-12 inch – specify length	Hose 14 inch
ACP-C-PCA-Tailor made	Hose - Specs

PCA HF radiowelding and commercial sewing services

Our list of possibilities is endless.

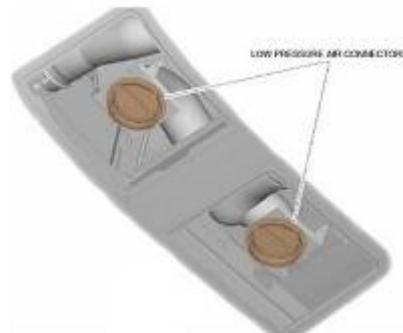
We provide high quality services for wide variety of industries and sectors.

From ventilation- and heating hose, industrial curtains,...

Repairs, mass production, we will help you to select the right material for your ideal product.

All products are made in Belgium.





COMPLIES ISO 1034

Diameter: 4 inch , 8" or 12" ,or 14" according to ISO 1034.

(Swifel or not)

ISO1034:1973 Gives the requirements for 127 mm and 203 mm connections (8 inches or 12 inches) for the purpose of air-conditioning from ground sources. The connections shall comply with the basic dimensional requirements.. The ground unit must not project more than 14,0 mm beyond the sealing plane except through defined openings.

International Standard ISO 1034 replaces ISO Recommendation R 1034-1969 drawn up by Technical Committee ISO/TC 20, Aircraft and space vehicles



Chemical suction hose

Diameter: 4 inch , 8" or 12" ,or 14" according to ISO 1034.

Our marine diesel hose is manufactured from high quality materials giving it superiority in its application within engine compartments of fishing boats, workboats, pleasure craft and other marine vessels up to 24 metres long.

This hose has a very tight bend radius (306mm) allowing compact installations where you are limited for space.



Chemical suction hose

Diameter: 4 inch , 8" or 12" ,or 14" any length.



Chemical suction hose

Hoses made of chemical-resistant fabrics.

Any length and diamet



Air Start (Wye) Y-Coupler including spring loaded check valves and screens.

Mates with all industry standard commercial air start nipples. 3.5-inch outer diameter hose flanges. Rugged design and easy maintenance and overhaul. Positive "Lock" and "Unlock" positions.



T-Bolt Clamps

T-Bolt Clamps, stainless steel, any diameter.



Air Start Hose Splice

Air Start Hose Splice, stainless steel.



Air Start Coupler Start Test Fitting Assembly

Air Start Coupler Start Test Fitting Assembly



Air Start Coupler

ISO MADE IN BELGIUM

Air Start Hose coupler Interchangeable Body

With Check Valves

M7950-93-3S Coupler

Spare parts on stock.

Positive engagement with the aircraft nipple

Industrial strength.

Optional screen strainer.

Patent pending

Internal parts made from ductile iron and cadmium plated for protection.

Ductile iron absorbs impact much better than steel or aluminum.

Passivated stainless steel handle.



P/N ASHFL3 Air Start Coupler flange



P/N ASHFL4Y Air Start Coupler straight with Y coupler



P/N ASHFL4Y1 Air Start Coupler Y adapter



P/N ASHFL 5 Air Start Coupler straight



Air Start Coupler Y



Air Start Coupler end fitting



PARTNUMBERS

MIL DTL6000® Hose

built with specialized rubbers to ensure safe use and reliability.
Manufactured to MIL-DTL 6000 meets or exceeds US military specs, plus it's lightweight, flexible and easy to handle.

Inside and out, aircraft hose MIL-DTL 6000D is designed to handle the effects of oil, alcohol, coolant, and water. The tube is oil resistant with a black cover reinforced with high strength mildew resistant yarns. It withstands extreme temperature conditions from -40F to +250F. Meets or exceeds U.S. military specs. Lightweight, flexible and easy-to-handle, making it the perfect hose for hard-to-get-to spots in tight engine compartments.

BUILT TO EXCEED THE DEMANDING NEEDS OF THE GLOBAL AVIATION INDUSTRY



DELIVERIES FROM STOCK!

Feel free to ask for free sample



Celeste MIL DTL6000 D® Hose

PARTNUMBERS

HOSE PART	Configuration
MIL-DTL-6000D-1	MIL6000 SERIES 1" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-1-1/2	MIL6000 SERIES 1 1/2" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-1-1/4	MIL6000 SERIES 1 1/4" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-1-3/4	MIL6000 SERIES 1 3/4" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-1/2	MIL6000 SERIES 1/2" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-1/4	MIL6000 SERIES 1/4" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-2	MIL6000 SERIES 2" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-2-1/2	MIL6000 SERIES 2 1/2" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-2-1/4	MIL6000 SERIES 2 1/4" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-3	MIL6000 SERIES 3" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-3/4	MIL6000 SERIES 3/4" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-3/8	MIL6000 SERIES 3/8" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-5/16	MIL6000 SERIES 5/16" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-5/8	MIL6000 SERIES 5/8" ID OIL AND COOLANT HOSE
MIL-DTL-6000D-7/8	MIL6000 SERIES 7/8" ID OIL AND COOLANT HOSE
ACP-Celeste-MIL-DTL6000 – Tailor made	ACP-Celeste-MIL-DTL6000 – Tailor made

Extended-Life OAT & Hybrid-OAT Coolants which contain (a) Ethyl-Hexanoic Acids and (b) Sebacate, are extremely harsh on the hoses.

If the appropriate Hose-construction is not used, the Vapours permeate through the wall of the hose and degrade the Fabric reinforcement, causing pre-mature failures.



We mainly support the ground support equipment sector

SPECIFICATION

Top Quality Heat Resistant Reinforced Silicone Hose - various sizes and colours - Available for immediate dispatch!

Are silicone hose | elbows are used all around the ground support equipment world.

Our Straight reinforced silicone hoses are used in a huge range of applications ranging from trucks, buses, high performance production cars, Formula One (F1), World Rally Cars (WRC) and Saloon Car Racing (Touring Car)

Polyester reinforced Silicon Hoses are more commonly found in Radiator, Coolant, Turbo & Intercooler applications. The ability to easily cut any Silicone hose to the required length is one of the main reasons professionals & enthusiast alike choose to work with silicone.

The formulated multi layered reinforced construction makes them ideal to replace old rubber hoses and particularly suited for all custom coolant plumbing applications and forced induction installations.

Features:

- High Performance ratings with excellent reliability in all conditions.
- Easy to replace, cut and adapt to your piping needs.
- Corrosion resistant
- Operating Temperature: (-) 60°C to (+) 180°C

Operating Temperature from -60°C to +180°C

HOSE PART	Configuration
ACP-	Silicone – nylon inforced according drawing



PARTNUMBERS

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Operating Temperature from -60°C to +180°C

Adapters hose tailor build

dedicated to Silicone Hoses, and the other to Organic Rubber Hoses in EPDM, Nitrile, PVC-Nitrile, Vamac, Neoprene, etc. The reinforcement fabrics used are Meta-Aramid, Nomex, and Polyester for the Wrapped Hoses; and Aramid and Polyester yarns for the Extruded Hoses.

We have a dedicated Engineering team to support the clients while designing a hose, by suggesting appropriate materials, performing any functional tests on the hoses, material testing (as per SAE, ASTM, DIN or other Standards).



Turbocharger / Charge-Air-Cooler Hoses / Air-intake Hoses



Silicone Turbo charger / CAC hoses and Air Intake Hoses also maintain a minimum of SAEJ20 Class A specifications, unless otherwise specified by the customer.

- The hoses are ideal for connections between engine mounted charge air cooler system parts
- Also used to deliver pressurized intake air to the charge air intercooler and intake manifold
- They come in a range of straight, shaped or convoluted shapes, as required. The convoluted shapes are required when there are slight mis-alignments during fitment or functioning. The hoses are flexible enough to endure the vibrations caused due to these mis-alignments/compressions/3-axial movements.
- Temperature range: -56 to + 220 degrees Celsius (-70 to + 430 Fahrenheit) if reinforced with meta-aramid (Temperature resistance can be increased by using high-end HT Grades), or
- Temperature range: -56 to + 180 degrees Celsius (-70 to + 350 Fahrenheit), if reinforced with Polyester)
- Available with the option of Fluoro ilicone or FKM inner lining, for added oil/acid fuel resistance
- Hoses with Metal fittings and Crimped ends also can be developed as per your requirement
- In house test rig available for life-cycle testing of the hoses (cyclic pressures between 0 and 3 bars, while maintaining temperatures of up to 220 degrees Celsius, inside and outside the hose.)

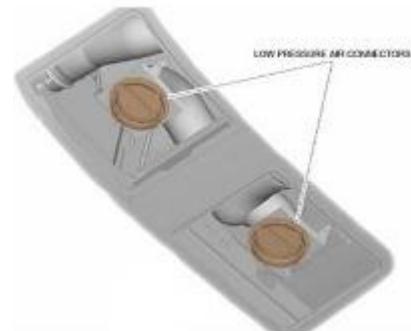


COMPLIES WITH ISO 2026

Diameter: 3 inch couplings , according to ISO 2026. ISO/TC 20/SC 9 Air cargo and ground equipment.

All products are made in Belgium and we do tailor made products.

PART NUMBER	
AC1001	Aerocouplings straight self locking coupler. (Blue)
AC1001/BL	Aerocouplings straight self locking coupler. (Black)
AC1001/GR	Aerocouplings straight self locking coupler. (Green)
AC1001/RE	Aerocouplings straight self locking coupler. (Red)
AC1001/GO	Aerocouplings straight self locking coupler. (Gold)
ACC1001-A	Clamps only
ACC1001-B	Main body anodized aluminium
ACC1001-C	Pair of handgrips chroom
ACC1001-D	Grid Sceen stainless steel
ACC1001-E	Screen locking clamp
ACC1001-F	Hose Barb Connection Inlets, 3-1/2" Hose Barb Connection Outlet
ACC1001-G	Nipple Connection Inlets, V-Band Flange Connection Outlet
ACC1001-H	Splice Tube Only
ACC1001-I	Rubber seal
ACC1001-J	Air start stainless steel stow adapter
ACC1001-K	Airstart stainless steel coupler start test assembly
ACC1001-L	Airstart coupling with T-bolt adapter clamp



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AIRSTARTHOSES



GENERAL - ADVANTAGES

- Inlet Coupler/Adapter/Connector is designed for air starting.
- This connector quickly installs and attaches to the aircraft in seconds without the need for connection tools.

PROPERTIES

Diameter: 3"
Maintenance-free
Fits ATA standard flange grip
Will not dent
Withstands hot and cold temperature extremes
Resistant to ramp chemicals and UV rays
Anodized aluminium hardware will not corrode
Ergonomic handles for convenient carrying



**T BOLT CLAMPS**

Large stock levels.

PART NUMBER	
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AIRSTARTHOSES



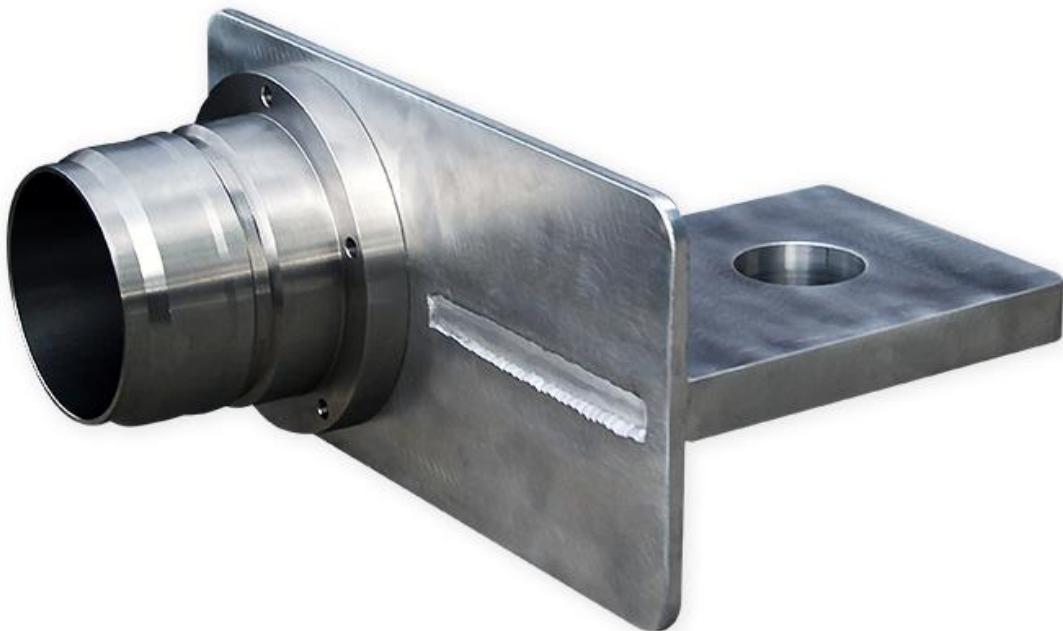
T BOLT CLAMPS

Air Start hose splice, for clamping two air start or jet start hoses together.
Use clamp(s) for securing splice to hose..

Large stock.

Repair solutions

PART NUMBER	
AC1001	Aerocouplings straight self locking coupler. (Blue)
AC1001/BL	Aerocouplings straight self locking coupler. (Black)
AC1001/GR	Aerocouplings straight self locking coupler. (Green)
AC1001/RE	Aerocouplings straight self locking coupler. (Red)
AC1001/GO	Aerocouplings straight self locking coupler. (Gold)



Test clamps

Aluminium coupling available separate

Constructed of stainless steel, this test fitting assembly allows users to securely attach the assembly to a hitch while testing their air start units. The design imitates the restricted air flow caused by air start unit couplers, allowing for an accurate representation of performance while testing.

On request we supply with testhose.

Large stock.

PART NUMBER	
AC1001	Aerocouplings straight self locking coupler. (Blue)
AC1001/BL	Aerocouplings straight self locking coupler. (Black)
AC1001/GR	Aerocouplings straight self locking coupler. (Green)
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ACID RESISTANT HOSE / CHEMICAL TRANSFER HOSE

Corrosive Chemical & Acid Resistant Suction rubber hose pipe in concentrations of up to 35% manufactured in synthetic EPDM rubber tube reinforced with high tensile synthetic textile fabric plies or tyre cord with helical steel wire plus a copper wire used as chemical resistant suction hose for corrosive chemicals delivery and corrosive fluids discharge in agricultural chemical plants, liquid fertilizer industries, septic handling, pharmaceutical factories for discharge of chemicals supplied exceeding IS 7654 Type 2 standards



CUSTOM LARGE OD HOSE COUPLINGS & END CONSTRUCTIONS

TIG WELDING | CNC | ALUMINIUM – STAINLESS STEEL - STEEL





DREDGE HOSE

Our Rubber Dredging Hoses are purpose built to the special requirements of our clients. We are in the position to build hose sizes ranging from 100 mm ID to 2200 mm ID. Our designers will select the most appropriate materials from a wide range of products available to us to meet service requirements and the demands requested by our clients i.e. in regard to wear resistance, pressure ratings, tensile strength, bending capabilities and other parameters.

In general our Rubber Dredging Hoses consist out of an inner lining which can be adjusted to meet the specific requirement of the transported medium. Wear indicator layers can also be implemented in the lining of the hoses which transport abrasive medium. A proven textile reinforcement of high tensile strength controls the pressure resistance of the hose as well as its tensile strength. Whereas the outer cover is built up utilising a rubber compound formulated to be highly resistant against weathering, UV light and ozone attack. On special request the outer cover can be built utilising oil resistant materials. Hose end fittings are available in a wide range of designs specifically produced to match the selected hose service requirements.





SCREEN CLEANING BALLS

For any production line in the sifting industry, blinking and build-up on vibrating screens can be a disturbing sight. It is the cause of unnecessary downtime and a reduction in the number of production.

We offer a solution to improve this - screen cleaning rubber balls - they can turn the production process into a process without blinding.

A wide range of compounds for the screen cleaning rubber balls is offered to suit your needs. In any production line, washing balls are the best way to clean sieves or meshes.

The array of formulations for these rubber balls we offer means that we can provide a solution for almost any particular industry.

Deblinding screen cleaning rubber balls can be made on order and in any shape. Normal development involves screen cleaning balls made of parallelepipedum and special balls made of eggs.

Such screen cleaning rubber balls have an irregular form and therefore will move randomly to hit regions in the mesh that ordinary circular balls may fail to get..



EPDM Screen Cleaning Balls



FKM - Viton Screen Cleaning Balls



Natural Rubber (NR) Screen Cleaning



NBR Rubber Screen Cleaning Balls



Polyurethane PU Screen Cleaning Balls



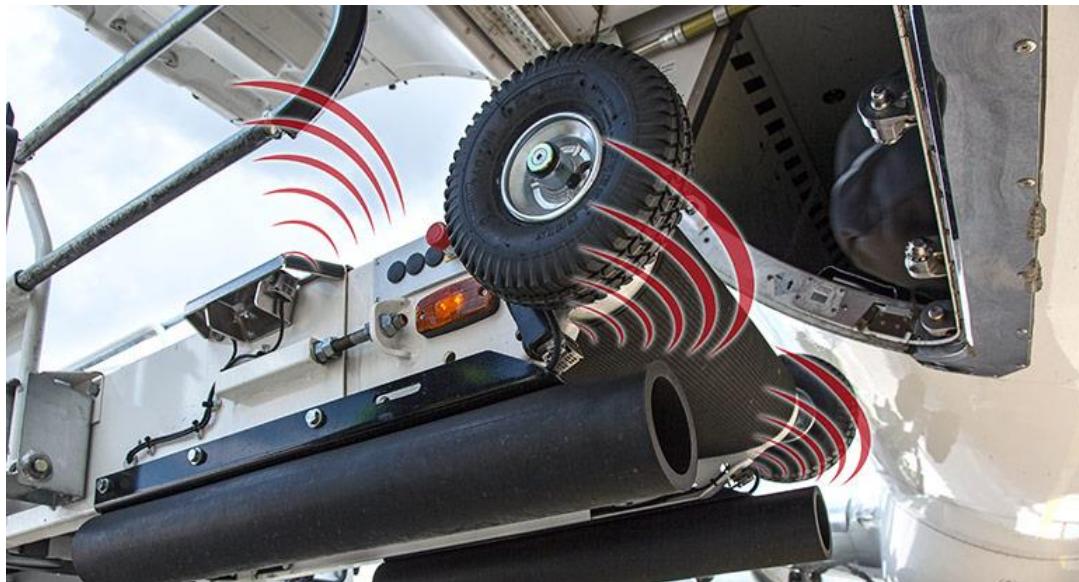
S
SBR Rubber Screen Cleaning Balls



Silicone Screen Cleaning Balls



Sponge Rubber Screen Cleaning Balls



GSE rubber protectors

Avoid damage | High reliability

Made of high-quality industrial rubber material.

Available by meter



MAGNETIC SCREEN CLEANING BALLS

The blindness or build-up of debris on the vibrating screen can be a disturbing sight for any sifting industry production line. This is the source of excessive delays and output levels decline. It is one of the key reasons for screening cycle downtime and results in a missed performance. In the mining and cement industry it is commonly called "blinding" because it occurs if the screen mesh gaps are obscured by the content being screened. That can be a true nightmare, in other words.

We propose a solution which maximizes the results of the cleaning by using **EPDM screen cleaning balls** with great screen anti-blinding results. Not only does this allow any content from going through the filter during the sifting process but it also contributes to the lowering of the operating costs of an organization and increases its profitability.

Some of the **advantages of our EPDM screen cleaning balls** include:

- Great variety of EPDM rubber compounds for screen cleaning to fit your needs - we offer both **FDA safe EPDM screen cleaning balls** and regular EPDM material for non-food applications.
- Custom sizes and all diameters of EPDM screen cleaning balls are available on demand
- High quality and long lifetime
- The EPDM screen cleaning balls have **great resistance to weak alkalis and acids**
- These rubber screen cleaning balls can handle **temperatures up to 110-120 °C**



Molded corrugated sleeves

Molded corrugated sleeves are the backbone of flexible connections. They are ideal for all types of vibratory and gyratory motion, including screeners, sifters, dryers, conveyors, hoppers, and more. Siftex offers three standard styles: Siftex, Sweco, and Rotex, in a variety of lengths, diameters, and compounds to suit your application such as gum rubber, neoprene, EPDM, silicone, and ultra-tough polyurethane. Polyurethane sleeves provide high abrasion and flex fatigue resistance, which results in a longer sleeve life and fewer sleeve changes.



Silicone Weighing bellows

Silicone Weighing bellows are a molded flexible connection in transparent FDA silicone rubber (also available in black conductive silicone rubber). This silicone bellow is very flexible and thin, and it is specially designed for the use in weight systems. bellows have a low axial and lateral force, so it does not affect the weighing process.

Transparent Silicone Rubber

Temperature -40 to +200 degrees C

Air and Powder Tight

Flexible Sleeves for Easy Fitting

FDA Certificate / Compliance

Sizes: available from 3 inch to 14 inch



Cleaning Sponge Balls

Hose cleaning rubber sponge balls are imported from Germany, and allow winemakers to mechanically clean wine hoses and stainless steel transfer lines.

The wine hose cleaning procedure is extremely simple. Compress one or two sponge rubber balls into the hose and push the balls through with water pressure. Then, repeat as necessary.

Strong t.s.p. solutions appear to have very little effect on the sponge rubber material. You can expect the balls to be very durable and reusable for a relatively long period of time



Parallellepipedum balls

These odd balls can often be found in the sifting industry where normal round balls can't be used.



Ballast balls

The ballast balls are balls with a steel core. These rubber balls in PU rubber are FDA approved and can be produced in many types of rubber..



FDA rubber inspection covers

Tight-fitting FDA food grade plug. White natural rubber. Black available in some sizes on request. Please note request for black in order comments or call to confirm availability prior to ordering.



Sliders for sifting in nylon and polyurethane.

These deblinding sliders are commonly produced in nylon and polyurethane, but can be built on demand in any quality for your specific application..



smooth polyurethane (TPU) hoses

TPU Hose, TPU Layflat hose is made from extruded thermoplastic polyester-based polyurethane (TPU) with excellent wear & tear properties..



Profile and edge protectors

Easy, quick and smooth assembly. The edge protection profile is easy to push on by hand, and remains in place even on radii or bends. No adhesive or fastening material required



Technical rubber parts on demand

We specialize in precision molded rubber products and molded rubber parts; including rubber gaskets and seals, for a wide range of industries and applications. We utilize several different methods of rubber molding depending upon our customer's requirement. We offer rubber molding services including: rubber compression molding, rubber transfer molding, and rubber injection molding enabling us to meet all of your product specifications.



Air Start Hose is built with specialized rubbers to ensure safe use and reliability. The hose is constructed from specially compounded heat and oil resistance rubber that will withstand temperatures up to 500°F (260°C) and as low as -80°F (-62°C).

To enhance dimensional stability and flexibility and Abrasion resistance, the hose is wrapped in cross-weave polyester cord. The cross-weave construction is integrally lock-bonded to the silicone hose to assure a burst strength much greater than 450 psi (3,100 kPa). The hose is mold, mildew, and UV resistant and withstands exposure to common ramp chemicals including most solvents, oils, fuels, and Skydrol.

BUILT TO EXCEED THE DEMANDING NEEDS OF THE GLOBAL AVIATION INDUSTRY

CERTIFICATION : ISO 9001, ISO 14001 & ISO 45001 / OHSAS 18001
PATENT NUMBER : BE 2019/0109
According to MIL SPEC MIL-DTL_22706(G)
CE

AVAILABLE LENGTHS : 30,40,50,60 FEET or on request.
With or without scuff protection.

PROPERTIES :	INSIDE DIAMETER WALL THICKNESS WEIGHT PER FT. (M) HIGH TEMPERATURE LOW TEMPERATURE BURST STRENGTH MAXIMUM STATIC LOAD PROOF PRESSURE TESTED STANDARD LENGTHS NUMBER OF FILAMENTS	3.5 in. (89 mm) 3/16 in. +/- 1/32 in. (4.76 mm +/- 0.8 mm) 1.1 lbs. (0.5 kg) without scuff. 500°F (260°C) -80°F (-62°C) 450 psig (3,100 kPa) 2,000 lbs. (907 kg) 200 psig (1,379 kPa) 20-60 ft. (6-16.75 m) 210
	Linear density dtex 1100	
	Breaking force approx. 90N	
	Elongation at break approx. 12%	
	Hot air shrinkage (2 min at 180°C) approx. 6%	



AIRSTARTHOSES

Heavy-duty MS 271 military standard universal joints have undergone qualification testing and meet or exceed the requirements of Military Specification MIL-J-6193 and Standard Drawing MS20271.

Apex® Military Spec Universal Joint, Heavy Duty Description

MS20271 series Apex® military specification universal joints, heavy duty. MS20271 military specification universal joints have undergone qualification testing and meet or exceed the requirements of Military Specification MIL-J-6193 and Standard Drawing MS20271.

Apex® military specification universal joints are not adversely affected by fretting corrosion or Brinelling from vibration, shock loads or overloads. Used throughout aerospace, the military, industrial, construction and performance racing industries. Apex® military standard universal joints can be ordered with or without protective lubrication covers. Apex® military specification universal joints require minimal maintenance; in most cases, the original may last the service life of the vehicle or machine.

AIRSTARTHOSES



Hydraulic Fuel Oil General Aircraft Hoses

The Parker Aerospace (Stratoflex Products Division) offers a broad array of PTFE, rubber and metal hose and hose assemblies, hose fittings, rigid tube assemblies, couplings, quick disconnects, swivel joints, fuel break-away valves, hydraulic fuses, and flow regulators, and specialty fittings including permanently swaged and welded fittings suitable for virtually any aerospace application. Parker Stratoflex 111 hoses come in different tube sizes, hose outside (OD) and inner diameters and they are designed for operation under different working, proof and burst pressures.

Product Specifications:

Hose meets or exceeds the requirements of "MIL-H-8794" "MIL-DTL-8794" standards. Fittings meet the requirements of MIL-A-5070. Hose assemblies meet or exceed requirements of MIL-H-8795. See information bulletin IB-1030 for TSO approvals.

Construction: Tube - Seamless synthetic rubber adhesive.

Reinforcement: One fiber braid and one high tensile steel wire braid.

Cover: Fiber braid impregnated with oil and mildew resistant rubber adhesive.

Identification: Stratoflex name and part number; specification number, size number, quarter and year of manufacture; and federal identification number (CAGE).

Applications: Aircraft hydraulic, pneumatic, coolant, fuel and oil systems. See MS33620 and MIL-H-8795.

Temperature Range: Size -3 thru -12: -65 to +250 F (-54 to +121 C); Size -16 thru -48: -40 to +250 F (-40 to +121 C)

Please refer to the attached Stratoflex catalog for offered hoses and fittings or contact us.



The Aircraftplugs Pligtite aperture

Prevent leaking during maintenance

Designed and used to prevent the leakage and contamination of various fluids, including hydraulics, and chemicals, during the service, maintenance, and storage of machinery and equipment.

The Aircraftplugs aperture has been designed and engineered to give

the plug greater compression than standard solid plugs ensuring a perfect seal whilst still being able to cut to size if needed. Used in Industrial areas such as hydraulic GSE environment, chemical, processing, MRO, HVAC, Mining, Heavy equipment





Main usage

Designed and used to prevent the leakage and contamination of various fluids, including hydraulics, and chemicals, during the service, maintenance, and storage of machinery and equipment. The aperture has been designed and engineered to give the plug greater compression than standard solid plugs ensuring a perfect seal whilst still being able to cut to size if needed. Used in Industrial areas such as hydraulic, chemical, processing, MRO, HVAC, Mining, Heavy equipment.

Also available in Heat Resistant and FDA approved version

Maintenance plug Hygiene is specifically produced for use in the food and beverage processing industry. The use of Plugtite rubber FDA approved plugs helps to ensure that sensitive working areas are kept free of contamination from oils and other fluids by preventing leakage when cleaning and servicing machinery and equipment.

Heat Resistant for use in operations such as Electrostatic lines, die casting etc. where high heat resistance is a requirement.

Suitable for Industrial areas such as hydraulic, chemical, processing, MRO, HVAC, Mining, Heavy equipment.



Standard characteristics

- Greater resistance to most oils within temperature range from -25°C up to 90°C
- Does not shrink, leak or discolor
- Resistant to sunlight for greater shelf life, does not split/crack or deteriorate
- Easy to use. Insert, squeeze , press home and release
- The compressed rubber ensures a tight fit
- Different colors available.
- Made in Belgium.
- Different sizes.

Part Numbers :

ACP-T-1 : Full kits of 3 different sizes.

ACP-T-2: Small (2mm - 14mm)

ACP-T-3: Medium (5mm - 24mm)

ACP-T-3: Large (15mm - 45mm)



Aircraftplugs®