



PCA HOSES | REDUCTORS | ADAPTERS | WYE



AIRSTARTHOSSES

Material meets CS/FAR 25.853(a) DIN EN 45545-2 TO1/EN ISO 4589-2 min HL3



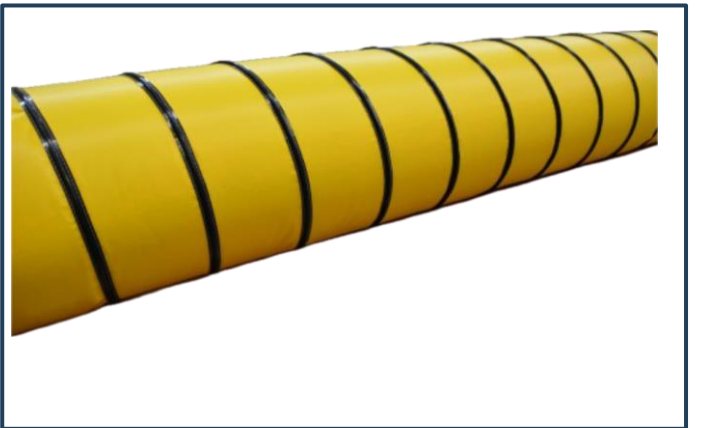
REGID PCA HOSES PCA : Pre Conditioned Air Hoses

DATASHEET

- Diameter usually DN 14 inch (8 / 10 / 12 inch) and others
- Any length, no limits
- Pitch : 100 mm and 120 mm others on request
- Variants in layers (1/2 or 3 layer version)
 - 1-layer version : PES, Coating, PVC foam, thickness 1,6 mm 960 g/m³, B1 Flame retardant
 - 2-layer version : 2 PVC coated polyester as above , B1 Flame classification, Flame retardant.
 - 3-layer version : As described above with additional foam sheet.

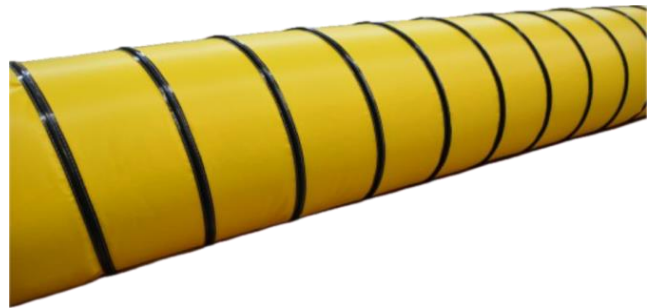
Connecting cones available

Zippers and Velcro strips available for protection. UL94VTMO , Extruded poluester foam sandwiched between plies available.





P/N ASH-PCA – Flat
RIGID Lay FLAT



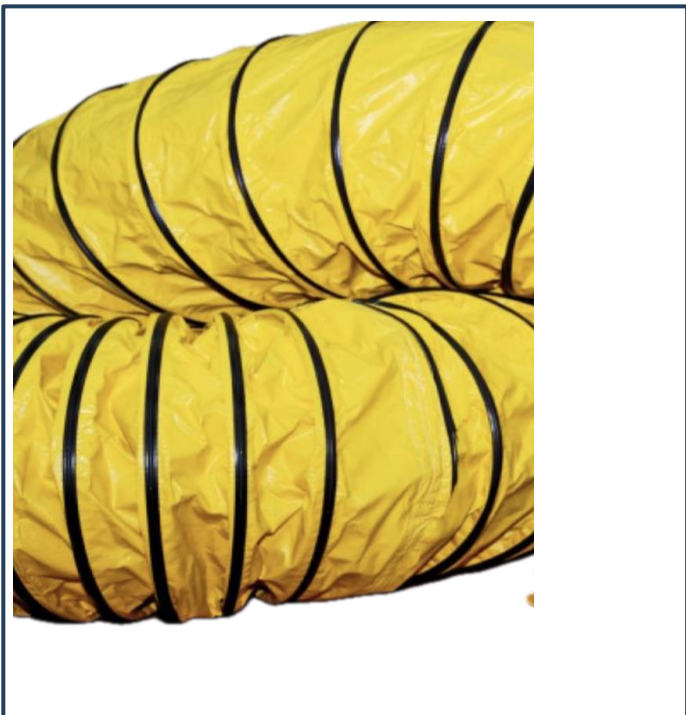
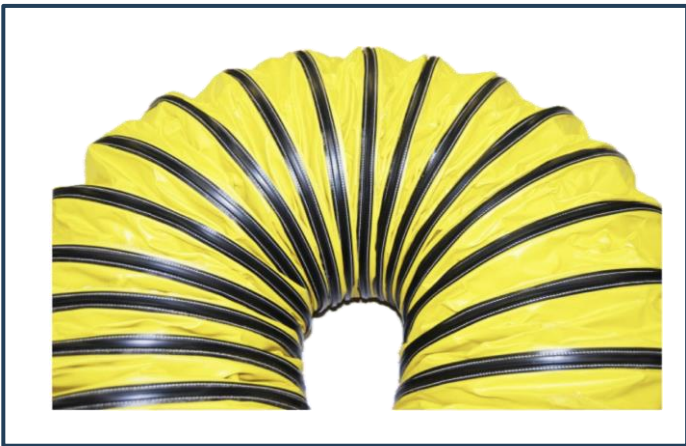
P/N ASH-PCA – WS400
Wire supported PCA hose



P/N ASH-PCA – 45 Degree
45 Degree curved Elbow unit



P/N ASH-PCA - STRT
Starter unit Wire Supported





P/N ASH-PCA – LF-D

Flat Duct hoses



P/N ASH-PCA – LF-LW

Flat lightweight hoses

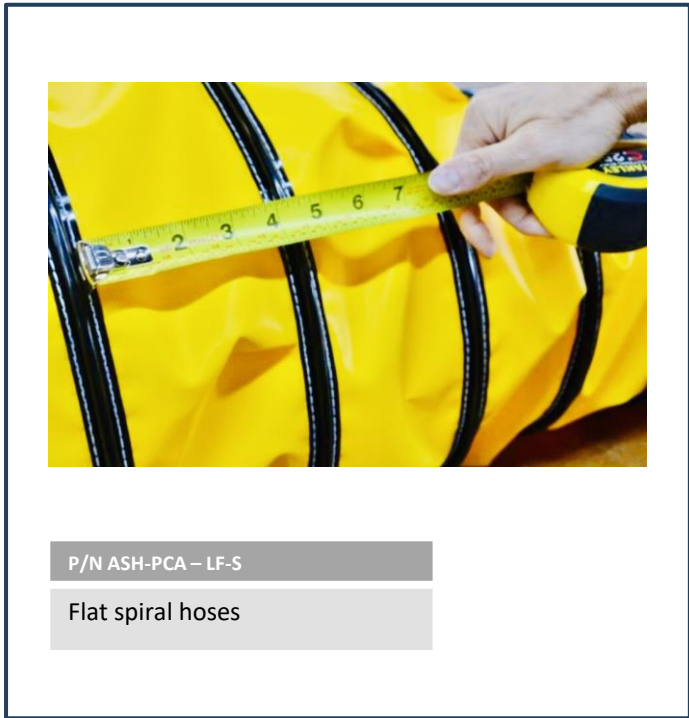


P/N ASH-PCA – LF-Damper

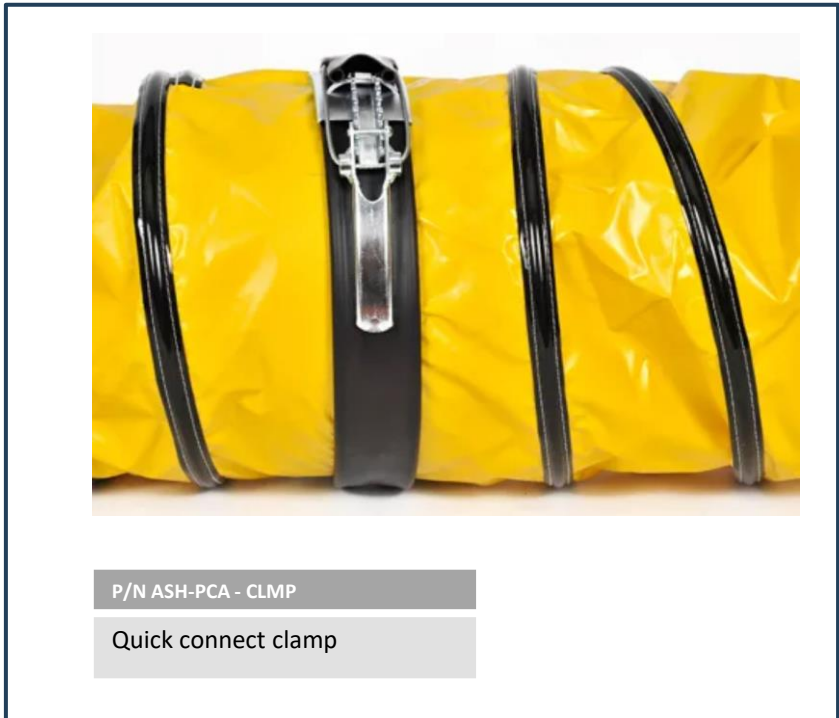
Damper Hose Section



P/N ASH-PCA – Trolley
Hoses Trolley



P/N ASH-PCA – LF-S
Flat spiral hoses



P/N ASH-PCA - CLMP
Quick connect clamp



AIRSTARTHOSSES - ADVANTAGES

"SCAT" type ducting has the same type construction as "CAT" except with red silicone rubber impregnation. For use in conducting extremely cold or hot air with temperatures from -80° to over 550°F.

PROPERTIES

These kind of flexible hoses are specially recommended in gas conductions at high temperatures, engine exhaust fume extraction from a point immediately close to the ejection area, electronic units cooling and welding gas aspiration.

Hot air extraction in ceramic kilns.

Airplane or helicopter cockpit heating.

Ventilation and air-conditioning in boats.

Protection of electric cables passing through extremely hot areas.

Sheathing of pipework transporting hot air..

This product is manufactured with one fiber glass reinforcement with high temperature resistance silicone rubber. The inner part is coated with visible steel wire.

PARTNUMBER

PART NUMBER	
ASH-SCD10	Internal diameter 10 mm
ASH-SCD13	Internal diameter 13 mm
ASH-SCD14	Internal diameter 14 mm
ASH-SCD16	Internal diameter 16 mm
ASH-SCD17	Internal diameter 17 mm
ASH-SCD18	Internal diameter 18 mm
ASH-SCD19	Internal diameter 19 mm
ASH-SCD20	Internal diameter 20 mm
ASH-SCD22	Internal diameter 22 mm
ASH-SCD25	Internal diameter 25 mm
ASH-SCD28	Internal diameter 28 mm
ASH-SCD32	Internal diameter 32 mm
ASH-SCD34	Internal diameter 34 mm



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ASH-SCD20	Internal diameter 20 mm
ASH-SCD22	Internal diameter 22 mm
ASH-SCD25	Internal diameter 25 mm
ASH-SCD28	Internal diameter 28 mm
ASH-SCD32	Internal diameter 32 mm
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Optional : anti abrasion cover.

Temperature – 80 to $+310^{\circ}\text{C}$

Straight cut

For non corrosion medium to high temperature gasses.

-0.580 bar to $+1.800$ bar

Flame retardant

Antistatic, if spiral earthed. 10^6



AIRSTARTHOSSES



PARTNUMBERS

PART NUMBER	
ASH-SC D38	Internal diameter 38 mm
ASH-SC D39	Internal diameter 39 mm
ASH-SC D40	Internal diameter 40 mm
ASH-SC D41	Internal diameter 41 mm
ASH-SC D42	Internal diameter 42 mm
ASH-SC D44	Internal diameter 44 mm
ASH-SC D45	Internal diameter 45 mm
ASH-SC D46	Internal diameter 46 mm
ASH-SC D47	Internal diameter 47 mm
ASH-SC D48	Internal diameter 48 mm
ASH-SC D50	Internal diameter 50 mm
ASH-SC D51	Internal diameter 51 mm
ASH-SC D52	Internal diameter 52 mm
ASH-SC D55	Internal diameter 55 mm
ASH-SC D57	Internal diameter 57 mm
ASH-SC D60	Internal diameter 60 mm
ASH-SC D61	Internal diameter 61 mm
ASH-SC D63	Internal diameter 63 mm
ASH-SC D64	Internal diameter 64 mm
ASH-SC D65	Internal diameter 65 mm
ASH-SC D67	Internal diameter 67 mm
ASH-SC D70	Internal diameter 70 mm
ASH-SC D72	Internal diameter 72 mm
ASH-SC D74	Internal diameter 74 mm
ASH-SC D76	Internal diameter 76 mm
ASH-SC D80	Internal diameter 80 mm
ASH-SC D82	Internal diameter 82 mm
ASH-SC D83	Internal diameter 83 mm
ASH-SC D85	Internal diameter 85 mm



SCEET HOSES - ADVANTAGES

Flexible hose made of two layers of fiber glass and silicone coated with a non-visible steel wire inside the hose wall. Applications. Double Ply Silicone Coated Ducting.

PROPERTIES

"SCEET" type ducting has the same type construction as "CEET" except with red silicone rubber impregnation. For use in conducting extremely cold or hot air with temperatures from -80° to over 550°F.

- Highly flexible
- Easily installed around obstructions and sharp bends
- Less air friction loss than similar non-lined ducting
- Ideal for use in extremely cold or hot air, ranging from -80°F to +550°F
- Good for conveying fumes

PARTNUMBER

PART NUMBER	
ASH-SCT D10	Internal diameter 10 mm
ASH-SCT D13	Internal diameter 13 mm
ASH-SCT D14	Internal diameter 14 mm
ASH-SCT D16	Internal diameter 16 mm
ASH-SCT D17	Internal diameter 17 mm
ASH-STC D18	Internal diameter 18 mm
ASH-SCT D19	Internal diameter 19 mm
ASH-SCT D20	Internal diameter 20 mm
ASH-SCT D22	Internal diameter 22 mm
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ASH-SCT D48	Internal diameter 48 mm
ASH-SCT D50	Internal diameter 50 mm
ASH-SCT D51	Internal diameter 51 mm
ASH-SCT D52	Internal diameter 52 mm
ASH-SCT D55	Internal diameter 55 mm
ASH-SCT D57	Internal diameter 57 mm
ASH-SCT D60	Internal diameter 60 mm
ASH-SCT D61	Internal diameter 61 mm
ASH-SCT D63	Internal diameter 63 mm
ASH-SCT D64	Internal diameter 64 mm
ASH-SCT D65	Internal diameter 65 mm
ASH-SCT D67	Internal diameter 67 mm
ASH-SCT D70	Internal diameter 70 mm
ASH-SCT D72	Internal diameter 72 mm
ASH-SCT D74	Internal diameter 74 mm
ASH-SCT D76	Internal diameter 76 mm
ASH-SCT D80	Internal diameter 80 mm
ASH-SCT D82	Internal diameter 82 mm
ASH-SCT D83	Internal diameter 83 mm
ASH-SCT D85	Internal diameter 85 mm



Tailor made solutions



AIRSTARTHOSSES

Air Start Hose Black Rubber Lavatory Service Dump Hose, 4-Inch is built to provide reliability on the tarmac. Our black rubber version provides resistant to UV and extreme condition. Translucent lavatory dump hoses can be convenient, but even UV-protected translucent hoses can degrade more quickly. For hot, sunny, or otherwise extreme environments, our heavy-duty 4-inch diameter black rubber lavatory dump hose is recommended. Anti crush. A/C to Lav cart hose Lightweight (1.5 lbs/feet).

BUILT TO EXCEED THE DEMANDING NEEDS OF THE GLOBAL AVIATION INDUSTRY

PROPERTIES : Tailor made solutions available.

Tailor made solutions available.

Temperature – 40°C to 90°C (-40°F to 194°F)

30% more resistance to abrasion than any other hose

A unique spiral protection protecting the polyurethane

Unrivaled lifespan. 4 times longer than any other hose used for the same application

Your reliable specialist for airstarthoses and coupling.

Printed copies are uncontrolled, and properties might change without any notification.

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

P/N ACP-BLACK LAV-8 Feet

P/N ACP-BLACK LAV-10 Feet

P/N ACP-BLACK LAV-12 Feet

P/N ACP-BLACK LAV-15 Feet

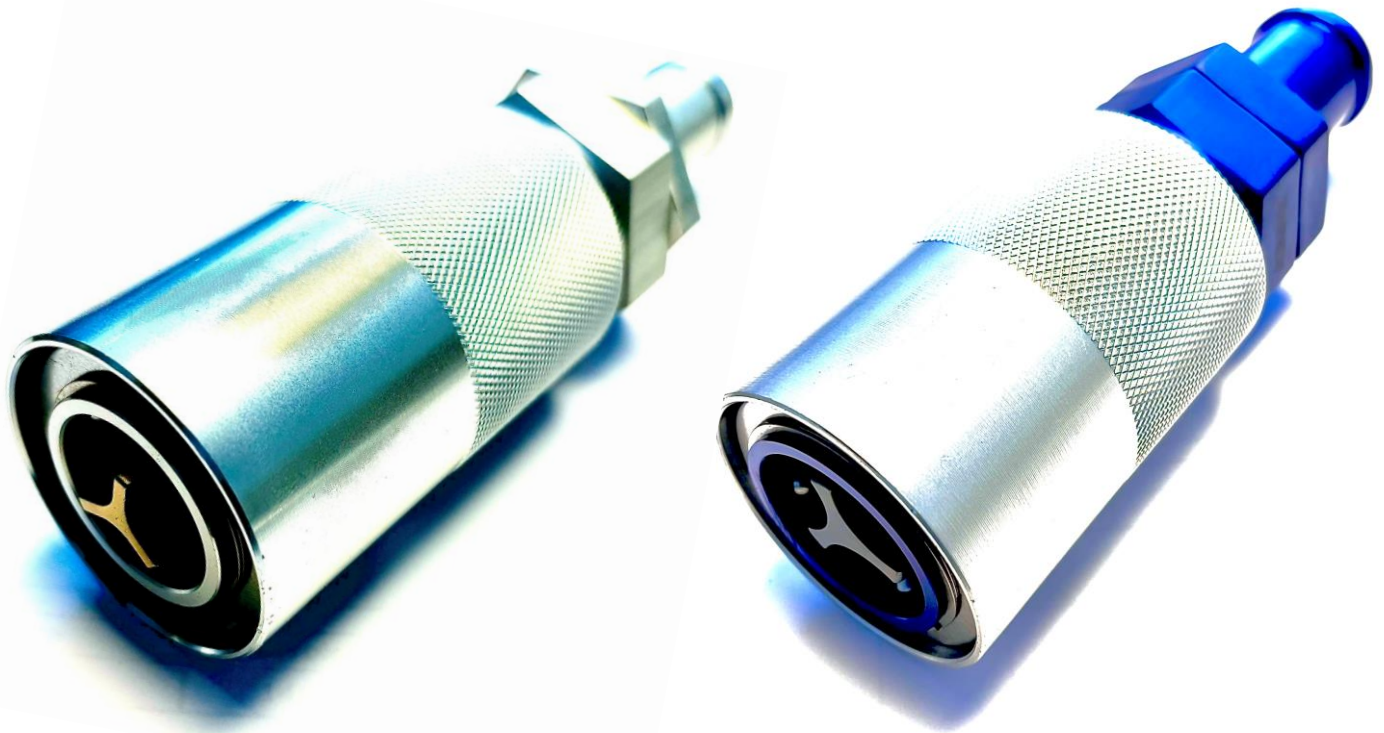
P/N ACP-BLACK LAV-20 Feet



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8800 Roeselare – BELGIUM

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www.airstarthoses.com
info@airstarthoses.com

Self-Sealing Fill Coupling



Self-Sealing Lavatory Service Fill Coupling & Potable Water Fill Coupling built from Anodized aluminum to prevent bacteria. Prevent ramp spillage. Save time, coupling wear and fluid. The coupling can be disconnected from the aircraft without shutting off flow to the hose. Upon disconnection of the coupling, the integral poppet automatically closes preventing the pressurized line from discharging blue fluid onto the ramp formulated rubbers to ensure safe use and reliability on the tarmac. 3/4" potable water & 1 inch lav. service fill coupler with long-grip for easy aircraft hookup

Your reliable specialist for GSE hoses and couplings.

BUILT TO EXCEED THE DEMANDING NEEDS OF THE GLOBAL AVIATION INDUSTRY
CERTIFICATION : ISO CE

PROPERTIES :

Anodized aluminium.
Reversible.
Stainless steel bearings
Spare parts on stock.

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OIL RESISTANT HOSES PARTNUMBERS

PART NUMBER	
ASH-WW- D9	Internal diameter 32mm

Oil Resistant Black Rubber Hose Thickened Heat Resistant Flexible Pressure Hose

A high-quality industrial hose that is designed to withstand exposure to fuel and oil. Made from a durable and flexible rubber material.



AeroCouplings®

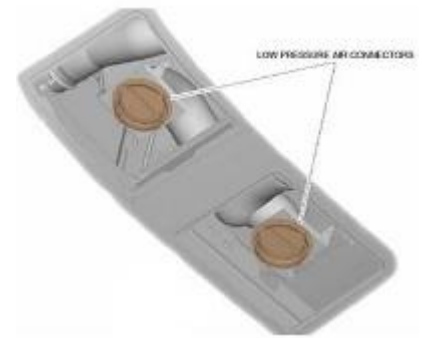
Producer Pre-Conditioned Air (PCA) Inlet
Coupler



ABOUT US

- Aerocouplings, develops, tests and manufactures Pre-Conditioned Air (PCA) Inlet Coupler/Adapter/Connector and PCA Hose installations for the aeronautical industries. (Airports, Handling companies, Airlines and private users.)
- Deliveries throughout Europe and the rest of the world are prompt and right on time.
- Aerocouplings is a Belgium based company established in 1997 and started with the mass production in 2007. We managed to increase business together with the expansion of the production facilities, warehouses and up-to-date testing facilities in a short period of time.
- We stand for top quality products, client first service and worldwide on-time deliveries.
- With over 25 years of experience in the airline industry.
- We do have a 6000 m² productions site, with state of the art CNC machinery and own testing facilities. Own molding and injection machines.





COMPLIES WITH ISO 1034

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

(Swivel 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



GENERAL - ADVANTAGES

- Aircraft Pre-Conditioned Air (PCA) Inlet Coupler/Adapter/Connector is designed for use with aircraft air conditioning and heating units.
- The PCA adapter/coupler connects PCA hoses/ducting or a PCA hose reducers to aircraft. The high-impact polyurethane body and amorphous nylon construction offer unmatched overall durability. The stainless steel clamps and hardware will not corrode. Two security handles lock the coupler in place to guarantee aircraft cabin temperatures maintain the desired levels.
- This PCA connector quickly installs and attaches to the aircraft in seconds without the need for connection tools.

PROPERTIES

Diameter: 8"

Maintenance-free

Fits ATA standard flange grip

Will not dent

Withstands hot and cold temperature extremes

Resistant to ramp chemicals and UV rays

Stainless steel clamps & hardware will not corrode

Ergonomic handles for convenient carrying

PART NUMBER	
ACPCA035	8 inch PCA yellow
ACPCA033	8 inch PCA black.
ACPCA033	8 inch PCA aluminium
ACPCA043	8 inch PCA swivel / 45°
ACPCA038	PCA replacement rubber top
ACPCA038G	PCA screen
ACPCA035	PCA 12 inch



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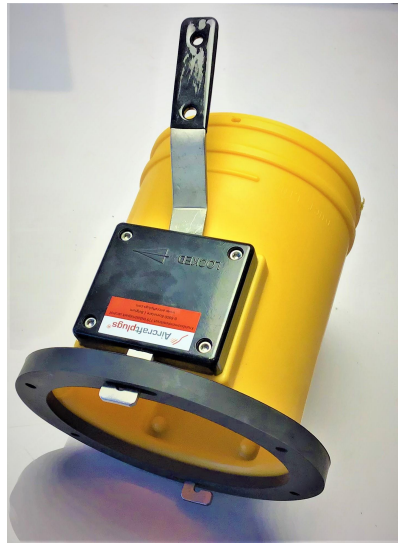
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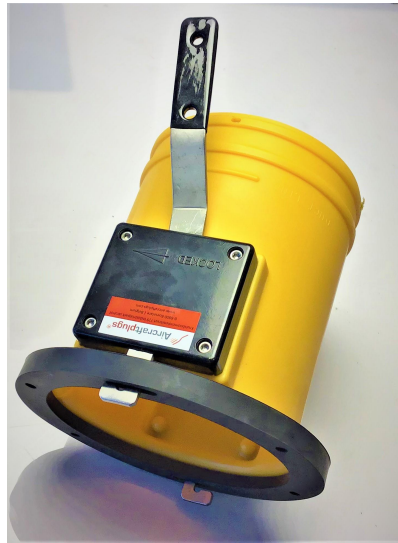
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 Will not dent
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 Resistant to ramp chemicals and UV rays
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 Ergonomic handles for convenient carrying

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ACPCA035	8 inch PCA yellow (with Galvano hook clamps)
ACPCA034	8 inch PCA yellow (over center locking clamps with large grip)
ACPCA033	8 inch PCA black.
ACPCA033A	8 inch PCA aluminium
ACPCA043	8 inch PCA swivel / 45°
ACPCA038	PCA replacement rubber top
ACPCA038G	PCA screen
ACPCA035	PCA 12 inch
ACPCA036	PCA 14 inch



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ACPCA036	PCA 14 inch



GENERAL - ADVANTAGES

- Aircraft Pre-Conditioned Air (PCA) Inlet Coupler/Adapter/Connector is designed for use with aircraft air conditioning and heating units.
- The PCA adapter/coupler connects PCA hoses/ducting or a PCA hose reducers to aircraft. The high-impact polyurethane body and amorphous nylon construction offer unmatched overall durability. The stainless steel clamps and hardware will not corrode. Two security handles lock the coupler in place to guarantee aircraft cabin temperatures maintain the desired levels.
- This PCA connector quickly installs and attaches to the aircraft in seconds without the need for connection tools.

PROPERTIES

Diameter: 8" or 12" or 14"

Maintenance-free

Fits ATA standard flange grip

Will not dent

Withstands hot and cold temperature extremes

Resistant to ramp chemicals and UV rays

Stainless steel clamps & hardware will not corrode

Ergonomic handles for convenient carrying

PART NUMBER	
ACPCA035	8 inch PCA yellow (with Galvano hook clamps)
ACPCA034	8 inch PCA yellow (over center locking clamps with large grip)
ACPCA033	8 inch PCA black.
ACPCA033A	8 inch PCA aluminium
ACPCA043	8 inch PCA swivel / 45°
ACPCA038	PCA replacement rubber top
ACPCA038G	PCA screen
ACPCA035	PCA 12 inch
ACPCA036	PCA 14 inch



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ACPCA034	8 inch PCA yellow (over center locking clamps with large grip)
ACPCA033	8 inch PCA black.
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ACPCA043	8 inch PCA swivel / 45°
ACPCA038	PCA replacement rubber top
ACPCA038G	PCA screen
ACPCA035	PCA 12 inch
ACPCA036	PCA 14 inch



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PROPERTIES

Diameter: 8" or 12" or 14"

Maintenance-free

Fits ATA standard flange grip

Will not dent

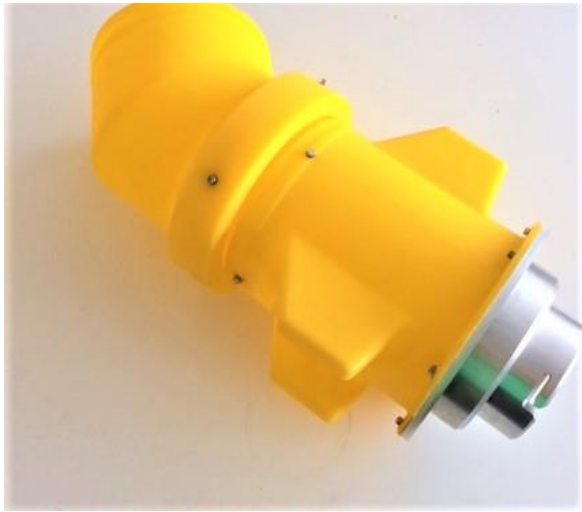
Withstands hot and cold temperature extremes

Resistant to ramp chemicals and UV rays

Stainless steel clamps & hardware will not corrode

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Fits ATA standard flange grip

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Withstands hot and cold temperature extremes

Resistant to ramp chemicals and UV rays

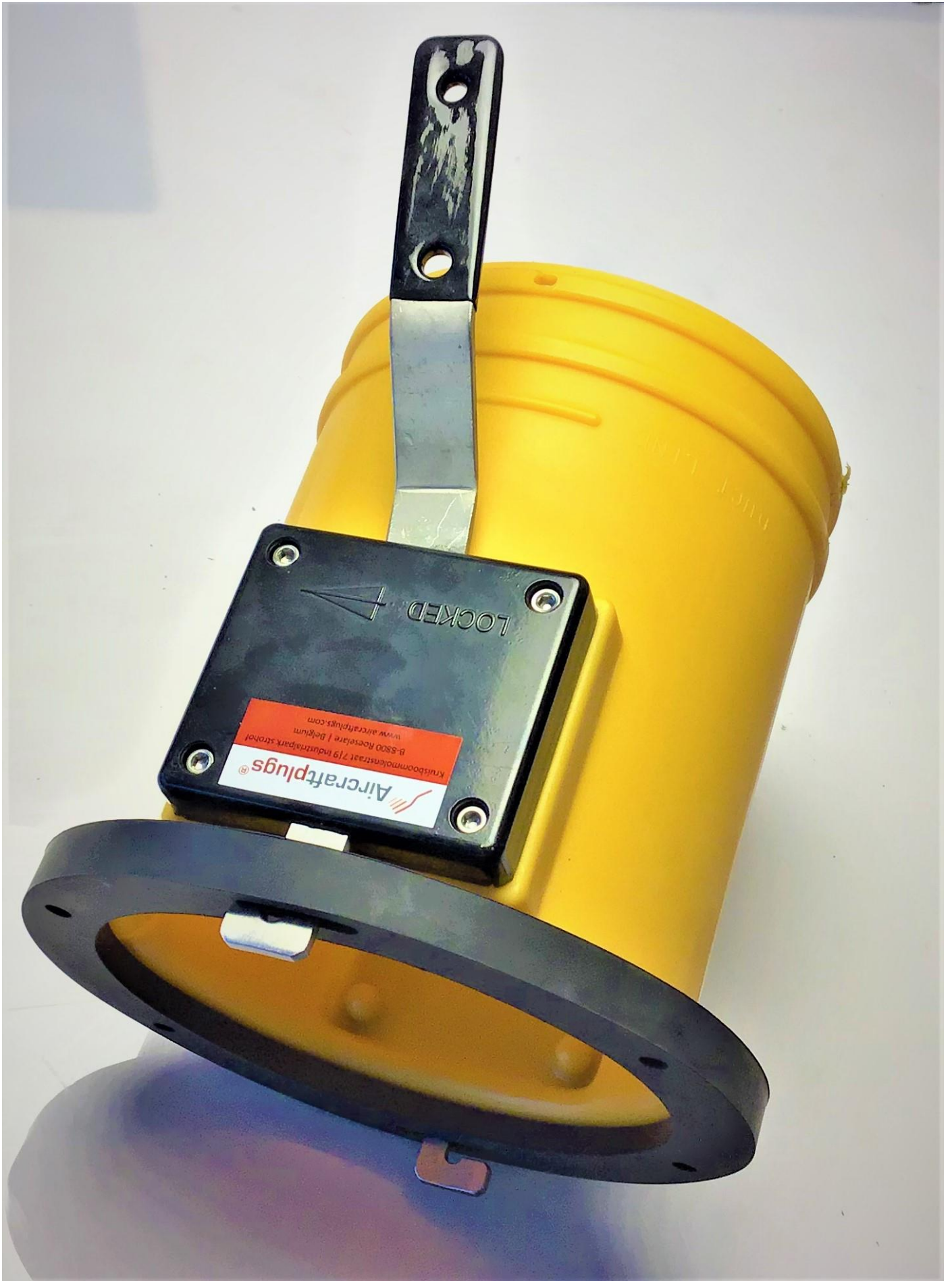
Stainless steel clamps & hardware will not corrode

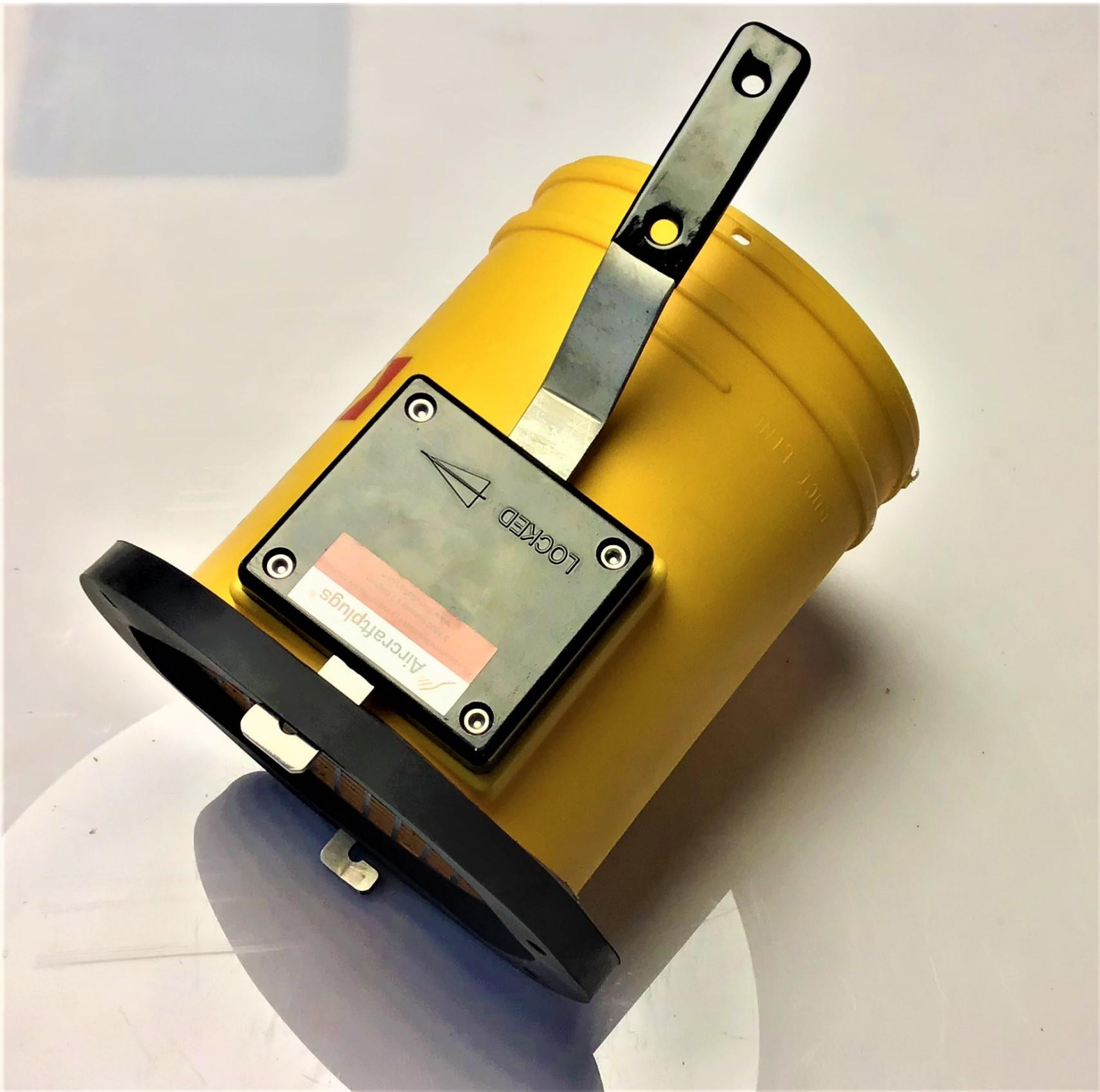
Ergonomic handles for convenient carrying

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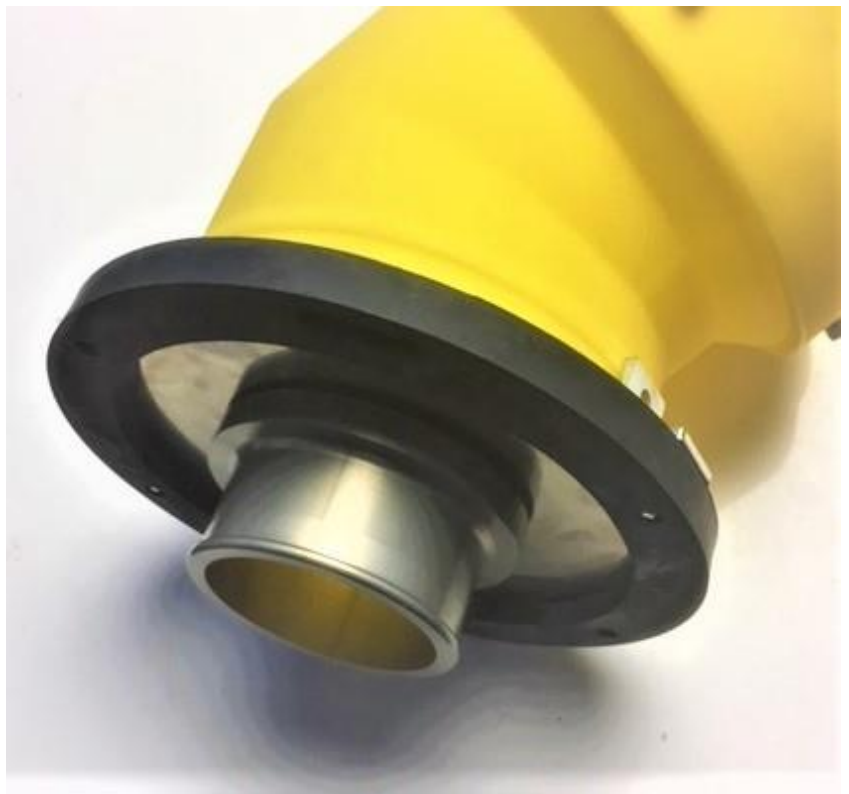
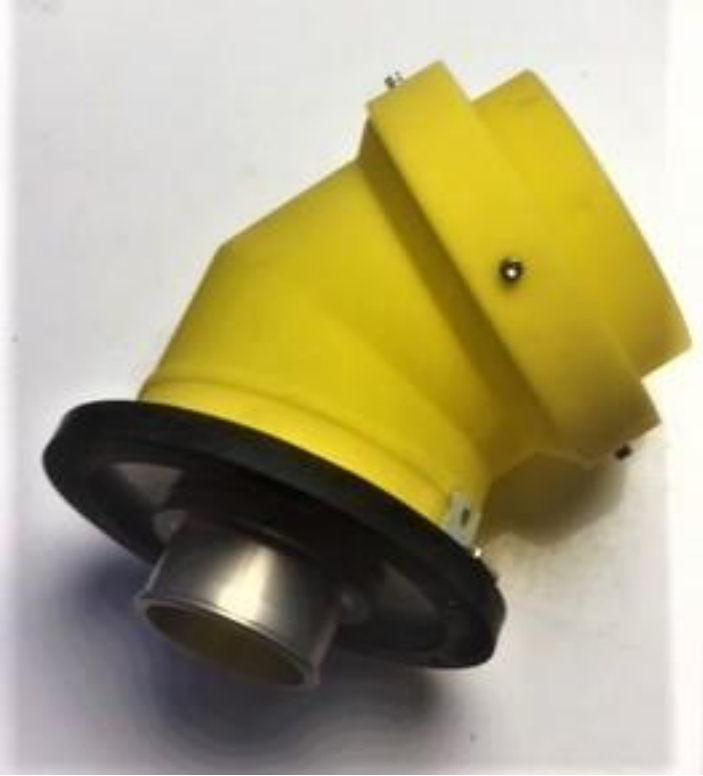








4 inch PCA adapter / with or without swivel



with or without swifel



AIRSTARTHOSSES



PCA Hose

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

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.

PCA WYE

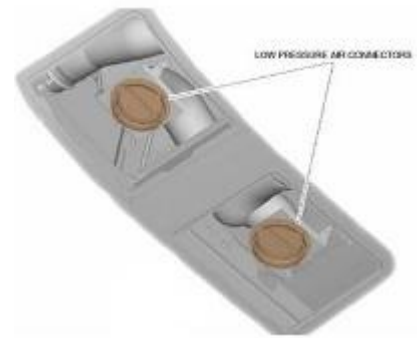




PARTNUMBERS

PCA Hose Supports

HOSE PART	Configuration
ACP-PCA-Supports	Specify requirements



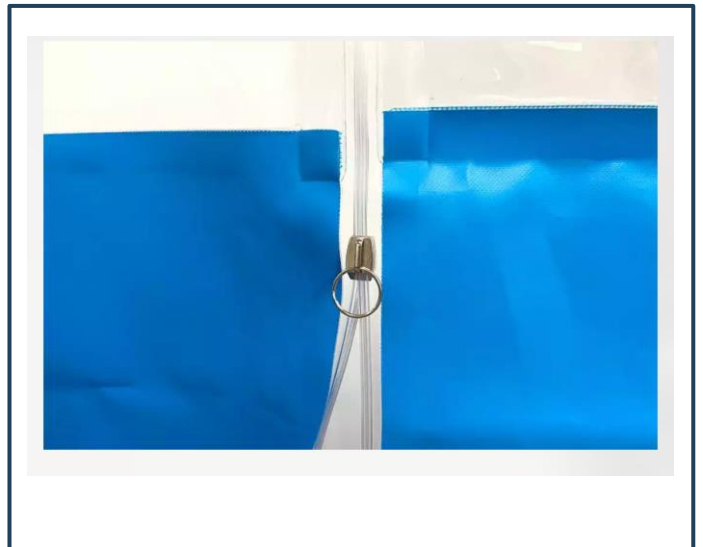
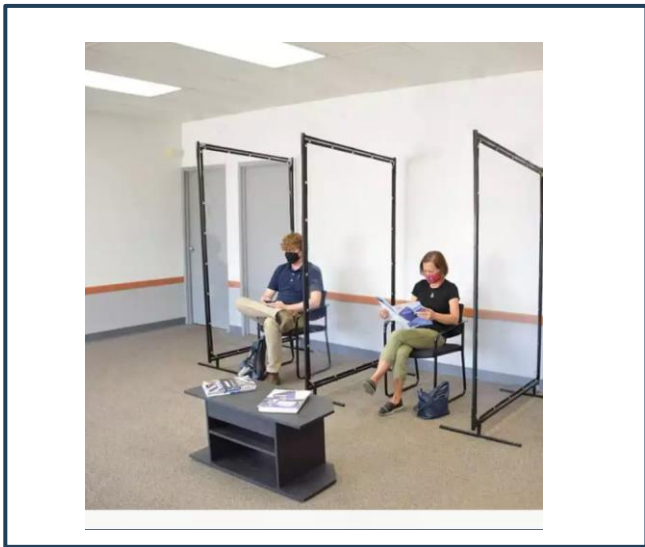
COMPLIES WITH ISO 1034

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

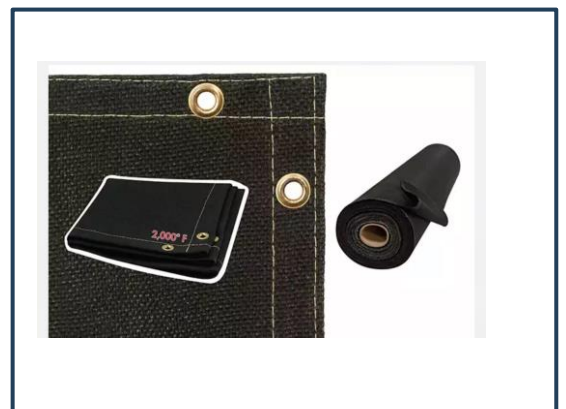
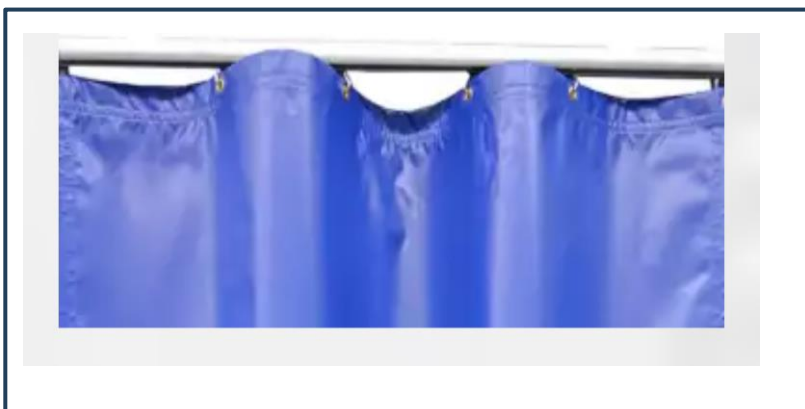
(Swivel or not)

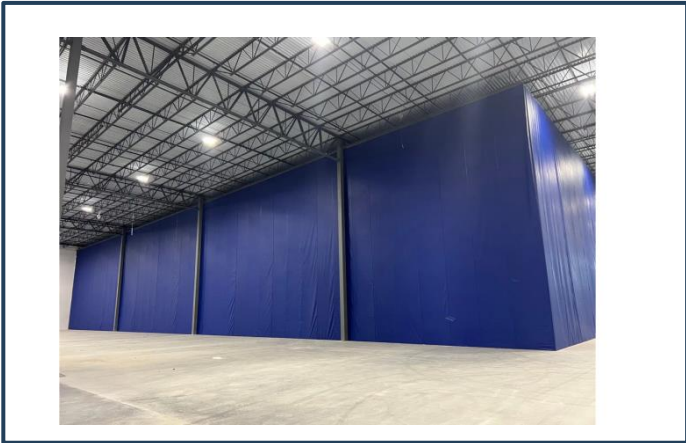
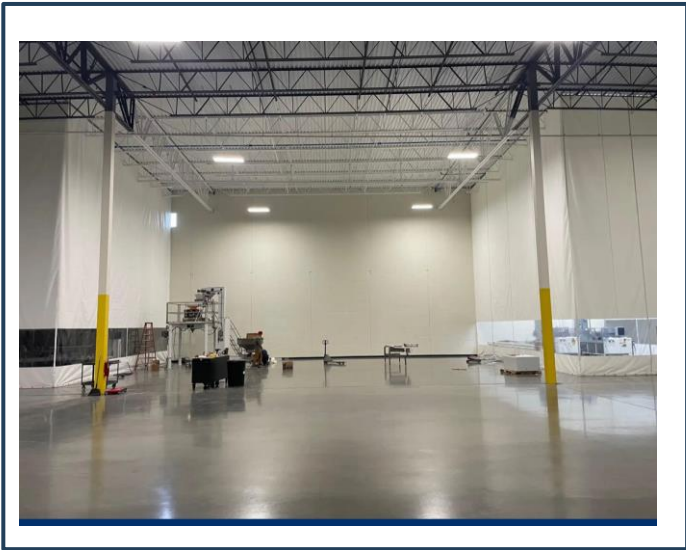
ISO1034:1973 Gives the requirements for 127 mm and 203 mm connections (8 inches or 12 inches) for the purpose of air-conditioning from ground sources. The connections shall comply with the basic dimensional requirements.. The ground unit must not project more than 14,0 mm beyond the sealing plane except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

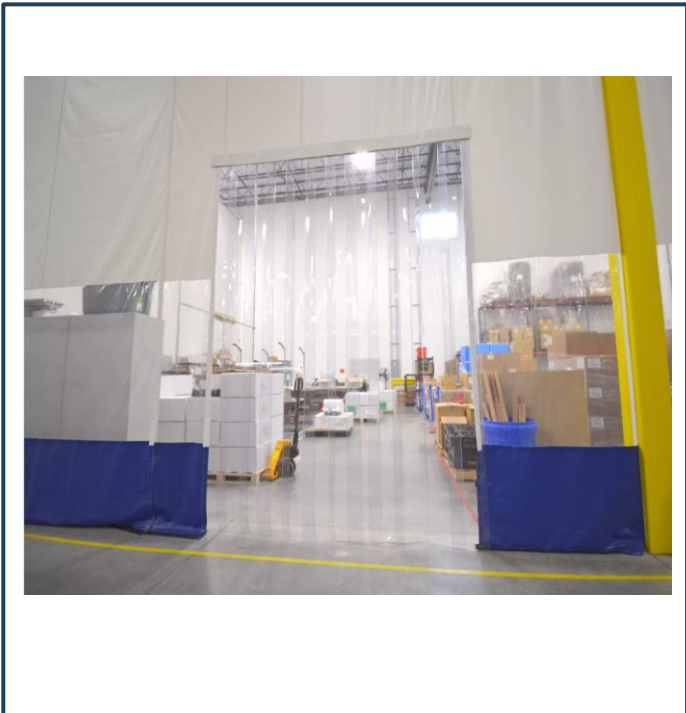


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B-8800 Roeselare
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Tel: +32.51.77.99.19
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AOG Hotline : +32.491.152.980

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