

### THE PERFECT SHOP



your best source for premium products for distributing and treating compressed air!

## Connection contents

### PUSH BUTTON QUICK COUPLINGS

### → SAFETY Push button couplings

### The coupling that puts safety first

- Venting-action eliminates dangerous «Hose-whip»
- One-hand connection is easy to operate
- Leak-free design reduces energy costs

### → REGULAR push button couplings

### The «original» push button coupling

- Light-weight, composite body is non-marring
- One-hand connection is easy to operate
- Impact-resistant design handles tough applications
- Leak-free design reduces energy costs



INT	ERCHANGE	SAFETY COUPLING PREVO S1		REGULAR COUPLINGS
INDUSTRIAL INTERCHANGE 1/4", 3/8", 1/2"		SO SSO SSO SSO SSO SSO SSO SSO SSO SSO	ISO 4414 PANDA	(SO) (150) (150) (150) (170) (
AUTOMOTIVE INTERCHANGE 1/4", 3/8"		1/4" 3/8" 3/8" 3/8" 1/2" 1/2" 8/8/CHING	ISO 4414 CANDARO	STOMO ILLE
HIGH FLOW INTERCHANGE 3/8", 1/2"		3/8" APOPULE APOPULE	ISO 4414 CANDARO	SIROPER 3/8"
ARO 210 INTERCHANGE 1/4"		(1/4°)	ISO 4414 CANDARD	1/4"



### BLOW GUNS 27202

### High performance blow guns for compressed air

- Sturdy construction
- Light weight
- Full pressure performance with variable flow
- Ergonomic design
- Available in OSHA compliant styles





### **BLOW GUNS PREVO S1**

### Compact compressed-air blowguns with integrated plug

Users will appreciate the prevo S1 blowguns in thier daily operation, for thier ease of use.

These blowguns, equipped with PREVOST plugs, are compatible with all major connection profile standards.

The plugs couple directly to the prevo S1 quick safety coupling, which also optimizes the blowguns ergonomics (excellent handling).



### Distribution & Treatment contents

### PREVOST PIPING SYSTEM

Pipes are held in the fitting using a new system: the « PPS Grip Concept ». The PPS Grip Concept is based on a stainless steel ring with teeth that penetrate the aluminum. Leak tight is achieved via a new contoured and lubricated seal, with optimised design and properties. The seal remains perfectly leaktight even under the harshest conditions.

- Maximum Working Pressure: 232 psi
- Vacuum level: 0.59 inHg
- Temperature range: -4°F to 176°F
- Body and nut: 100% aluminum, EN AB 46100
- PPS Grip Concept: fastening system using teeth





### Streamline your workstations

- More efficient work stations
- Automatic hose locking system
- Keep work area safe and neat
- No more cut or broken hoses

### AIR HOSES



#### **Flexair**

- Hybrid polymer extension hoses, with high fexibility
- Equipped with pressed metal sleeves, non-scratch sheatand quick coupling Prevo S1

### Airca automotive hose

- Ideal for automotive applications
- Heavy duty and highly durable hose



### Stoflex non-static hose

- Ideal for painting applications
- Very light and flexible, high resistance to oil

### SPIRAL HOSES PUS

### Flexible and durable polyurethane spiral hose



- Excellent shape memory and extra-long service life
- Very flexible and resists kinking
- Abrasion resistant
  - Rotating connector on operator end prevents twisting

### AIR TREATMENT UNITS

#### **ALTO**

- Air quality Preservation and lubrication of pneumatic tools
- **Heavy duty** Sturdy construction. Aluminium alloy body
- Modular construction Fast easy installation and maintenance
- User friendly «Push to lock» adjusting knob for setting pressure



### **CYCLONE SEPARATORS - SPC**

Specially designed for the efficient separation and elimination of the largest solid particles as well as water droplets in compressed air.







### SAFETY PUSH BUTTON COUPLINGS

- **Body**: Composite polyester material
- → Other components: steel with RoHS\* compliant anti-corrosion treatment, or aluminium
- Seal: NBR O-ring for thread seal

### PRESSURE AND TEMPERATURES

Service pressure range: 30 to 175 psi (not suitable for vacuum)

**→ Temperature :** 5°F to 155°F

### CONSTRUCTION STANDARDS

### Prevo S1 couplings comply with:

- the European Pressure Equipment Directive (PED) 97/23/CE
- the safety requirements of the ISO 4414 standard
- the European RoHS\* directive 2002/95/CE
- ATE X 2



\* Directive RoHS 2002/95/EC on the restriction of the use if certain hazardous substances in electrical and electronic equipment (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE).

### ADVANTAGES EXCLUSIVE TO THE PREVO \$1 COMPOSITE BODY

### Ultra-lightweight

2.6 OZ for couplings with 6 mm clearance (hose outlet)4 OZ for couplings with 8 mm clearance (hose outlet)

#### Non-scratch

No damage to vulnerable surfaces

### **●** Anti-static

Electrically conducting, thus avoiding problems relating to static electricity (e.g. dust attracted to the paint/polish/electronic work surface). - ATE X 2

### **Ease of coupling**

< 80 N at 6 bar for couplings with 6 mm < 100 N at 6 bar for couplings with 7.2 Unit of measurement N = Newton

#### **Applications**

- All connections with or without safety mechanism
- Assembly lines (automotive, household appliances, etc.)
- Mechanical manufacturing, machining workshops
- Paper and printing industries
- Automotive repairs
- Textile industries
- Wood and plastics industries
- Any work involving vulnerable environments or products
- Technical education

For more details : www.prevostusa.com



### SAFETY QUICK COUPLING - 1/4" INDUSTRIAL INTERCHANGE





### SAFETY QUICK COUPLING - 3/8" INDUSTRIAL INTERCHANGE





#### Tapered female thread coupler

a B	NPT female thread	Part number
	1/4" FNPT	ISI 061201
	3/8" FNPT	ISI 061202
(m)	1/2" FNPT	ISI 061203

#### Tapered male thread coupler

415	NPT male thread	Part number
	1/4" MNPT	ISI 061251
	3/8" MNPT	ISI 061252
=	1/2" MNPT	ISI 061253

#### Hose stem coupler

For hose ID	Part number
1/4" Hose Barb	ISI 061806
3/8" Hose Barb	ISI 061810

#### Threaded swivel coupler

NPT female thread	Part number
3/8" FNPT	ISI 061202SW
Tapped swivel coupler 360° rotation in 2 axes	

### Female threaded double wall manifold - 2 couplings and drain - 1/4"Industrial Interchange

	Inlet NPT female thread	Outlet: 2 couplings	Part number
	1/2" FNPT	ISI 06	ISI 068203WK
9	3/4" FNPT	ISI 06	ISI 068204WK

### PLUG 1/4" INDUSTRIAL **INTERCHANGE**

### Tapered female thread plug

(m)	NPT female thread	Part number
進	1/4" FNPT	IRP 066201
	3/8" FNPT	IRP 066202

### Tapered male thread plug

NPT male thread	Part number
1/4" MNPT	IRP 066251
3/8" MNPT	IRP 066252
Teflon-coated thread	
Tonon douted anoua	

### Hose stem plug

m	For hose ID	Part number
	1/4" Hose Barb	IRP 066806
	3/8" Hose Barb	IRP 066810

#### Tapered female thread coupler

and the same of th	NPT female thread	Part number
	1/4" FNPT	ISI 081201
	3/8" FNPT	ISI 081202
(m)	1/2" FNPT	ISI 081203

#### Tapered male thread coupler

a.s	NPT male thread	Part number
	1/4" MNPT	ISI 081251
	3/8" MNPT	ISI 081252
<b>=</b>	1/2" MNPT	ISI 081253

### Hose stem coupler

-	For hose ID	Part number
	1/4" Hose Barb	ISI 081810
	3/8" Hose Barb	ISI 081813

#### Threaded swivel coupler

NPT female thread	Part number
3/8" FNPT	ISI 081202SW
Tapped swivel coupler 360° rotation in 2 axes	

### Female threaded double wall manifold - 2 couplings and drain - 1/4"Industrial Interchange

Inlet NPT female thread	Outlet: 2 couplings	Part number
1/2" FNPT	ISI 06	ISI 088203WK
3/4" FNPT	ISI 06	ISI 088204WK

### PLUG 3/8" INDUSTRIAL **INTERCHANGE**

### Tapered female thread plug

1	NPT female thread	Part number
	1/4" FNPT	IRP 086201
	3/8" FNPT	IRP 086202
	1/2" FNPT	IRP 086203

#### Tapered male thread plug

NPT male threa 1/4" MNPT 3/8" MNPT 1/2" MNPT	NPT male thread	Part number
	1/4" MNPT	IRP 086251
	3/8" MNPT	IRP 086252
	1/2" MNPT	IRP 086253
	Teflon-coated thread	

#### Hose stem plug

JIII.	For hose ID	Part number
	3/8" Hose Barb	IRP 086810
	1/2" Hose Barb	IRP 086813
(-)	5/8" Hose Barb	IRP 086816



## SAFETY QUICK COUPLING - 1/2" INDUSTRIAL INTERCHANGE

### Tapered female thread coupler

	NPT female thread	Part number
	3/8" FNPT	ISI 111202
	1/2" FNPT	ISI 111203
3/4	3/4" FNPT	ISI 111204

### Tapered male thread coupler

	NPT male thread	Part number
	3/8" MNPT	ISI 111252
	1/2" MNPT	ISI 111253
	3/4" MNPT	ISI 111254

#### Hose stem coupler

	For hose ID	Part number
	3/8" Hose Barb	ISI 111810
	1/2" Hose Barb	ISI 111813
	5/8" Hose Barb	ISI 111816
4	3/4" Hose Barb	ISI 111819

### Female threaded double wall manifold - 2 couplings and drain - 1/2" Industrial Interchange

Inlet NPT female thread	Outlet: 2 couplings	Part number
3/4" FNPT	ISI 11	ISI 118204WK

## PLUG 1/2" INDUSTRIAL INTERCHANGE

### Tapered female thread plug

NPT female thread	Part number
3/8" FNPT	IRP 116202
1/2" FNPT	IRP 116203
3/4" FNPT	IRP 116204
	3/8" FNPT 1/2" FNPT

### Tapered male threaded plug

	NPT male thread	Part number
	3/8" MNPT	IRP 116252
	1/2" MNPT	IRP 116253
	3/4" MNPT	IRP 116254
	Teflon-coated thread	

#### Hose stem plug

For hose ID  3/8" Hose Barb  1/2" Hose Barb  5/8" Hose Barb	For hose ID	Part number
	3/8" Hose Barb	IRP 116810
	1/2" Hose Barb	IRP 116813
	5/8" Hose Barb	IRP 116816
	3/4" Hose Barb	IRP 116819

## SAFETY QUICK COUPLING - 1/4" AUTOMOTIVE INTERCHANGE



#### Parallel Female threaded coupler

	NPT female thread	Part number
	1/4" FNPT	USI 061201
	3/8" FNPT	USI 061202
	1/2" FNPT	USI 061203

#### Male threaded coupler

( in the second	NPT male thread	Part number
	1/4" MNPT	USI 061251
	3/8" MNPT	USI 061252
W	1/2" MNPT	USI 061253

#### Hose stem coupler

riin	For hose ID	Part number
	1/2" Hose Barb	USI 061808
I	3/8" Hose Barb	USI 061810

#### Threaded swivel coupler

	NPT female thread	Part number
<b>.</b>	3/8" FNPT	USI 081202SW
	360° rotation in 2 axes	

### Female threaded double wall manifold - 2 couplings and drain - 3/8" Automotive interchange

	Inlet NPT female thread	Outlet: 2 couplings	Part number
	1/2" FNPT	USI 08	USI 068203WK
	3/4" FNPT	USI 08	USI 068204WK

## PLUG 3/8" AUTOMOTIVE INTERCHANGE

### Tapered female thread plug

æ	NPT female thread	Part number
	1/4" FNPT	URP 086201
	3/8" FNPT	URP 086202
	1/2" FNPT	URP 086203

### Tapered male threaded plug

NPT male thread	Part number
1/4" MNPT	URP 086251
3/8" MNPT	URP 086252
1/2" MNPT	URP 086253
Teflon-coated thread	

### Hose stem plug

<b>(P)</b>	For hose ID	Part number
1	3/8" Hose Barb	URP 086810
	1/2" Hose Barb	URP 086813



### SAFETY QUICK COUPLING - 3/8" AUTOMOTIVE **INTERCHANGE**







### Tapered female thread coupler

1/4"	NPT female thread	Part number
	1/4" FNPT	USI 081201
	3/8" FNPT	USI 081202
	1/2" FNPT	USI 081203

### Tapered male threaded coupler

niiin	NPT male thread	Part number
	1/4" MNPT	USI 081251
	3/8" MNPT	USI 081252
W	1/2" MNPT	USI 081253

#### Hose stem coupler

riiin	For hose ID	Part number
	1/2" Hose Barb	USI 081813

#### Threaded swivel coupler

cata	NPT female thread	Part number
	3/8" FNPT	USI 081202SW
	360° rotation in 2 axes	

### Female threaded double wall manifold - 2 couplings and drain - 3/8" Automotive interchange

	Inlet NPT female thread	Outlet: 2 couplings	Part number
	1/2" FNPT	USI 08	USI 088203WK
-3-40	3/4" FNPT	USI 08	USI 088204WK

### PLUG 3/8" AUTOMOTIVE INTERCHANGE

### Tapered female thread plug

(2)	NPT female thread	Part number
	1/4" FNPT	URP 086201
	3/8" FNPT	URP 086202
	1/2" FNPT	URP 086203

#### Tapered male threaded plug

NPT male thread	Part number
1/4" MNPT	URP 086251
3/8" MNPT	URP 086252
1/2" MNPT	URP 086253
Teflon-coated thread	

### Hose stem plug

(fi)	For hose ID	Part number
礁	3/8" Hose Barb	URP 086810
I	1/2" Hose Barb	URP 086813

### SAFETY QUICK COUPLING - 1/2" AUTOMOTIVE **INTERCHANGE**



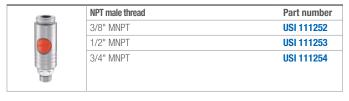




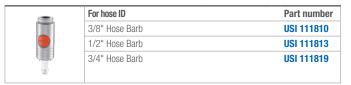
### Tapered female thread coupler

	NPT female thread	Part number
	3/8" FNPT	USI 111202
	1/2" FNPT	USI 111203
	3/4" FNPT	USI 111204

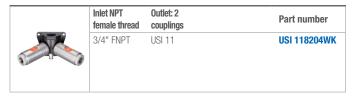
### Tapered male threaded coupler



#### Hose stem coupler

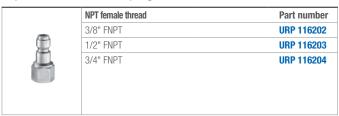


### Female threaded double wall manifold - 2 couplings and drain - 1/2" Automotive interchange

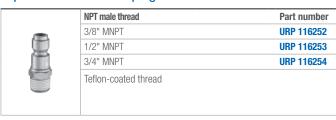


### PLUG 1/2" AUTOMOTIVE **INTERCHANGE**

### Tapered female thread plug



### Tapered male threaded plug





### SAFETY QUICK COUPLING 3/8"- HIGH FLOW INTERCHANGE



### Tapered female thread coupler

NPT female thread	Part number
1/4" FNPT	ESI 071201
3/8" FNPT	ESI 071202

### Tapered male thread coupler

***	NPT male thread	Part number
	1/4" MNPT	ESI 071251
	3/8" MNPT	ESI 071252
**	1/2" MNPT	ESI 071253

### Hose stem coupler

For hose ID	Part number
1/4" Hose Barb	ESI 071806
3/8" Hose Barb	ESI 071810
1/2" Hose Barb	ESI 071813

### Threaded swivel coupler

	NPT female thread	Part number
•	1/4" FNPT	ESI 071201SW
	360° rotation in 2 axes	

### Female threaded double wall manifold - 2 couplings and drain - 3/8" High Flow Interchange

	Inlet NPT female thread	Outlet: 2 couplings	Part number
	1/2" FNPT	ESI 07	ESI 078203WK
0 1432	3/4" FNPT	ESI 07	ESI 078204WK

## PLUG 3/8" HIGH FLOW INTERCHANGE

### Tapered female thread plug

4	NPT female thread	Part number
	1/4" FNPT	ERP 076201
	3/8" FNPT	ERP 076202

### Tapered male thread plug

(Th	NPT male thread	Part number
	1/4" MNPT	ERP 076251
	3/8" MNPT	ERP 076252
	Teflon-coated thread	

### Hose stem plug

1/3/	For hose ID	Part number
	1/4" Hose Barb	ERP 076806
	3/8" Hose Barb	ERP 076810
	1/2" Hose Barb	ERP 076813

# SAFETY QUICK COUPLING - 1/2" HIGH FLOW INTERCHANGE



### Tapered female thread coupler

NPT female thread	Part number
3/8" FNPT	ESI 111202CB
1/2" FNPT	ESI 111203CB

#### Tapered male thread coupler

	NPT male thread	Part number
	3/8'' MNPT	ESI 111252CB
	1/2'' MNPT	ESI 111253CB
1 16		
Brown		

### Hose stem coupler

For hose ID	Part number
3/8" Hose Barb	ESI 111810CB
1/2" Hose Barb	ESI 111813CB
5/8" Hose Barb	ESI 111816CB
3/4" Hose Barb	ESI 111819CB



### SAFETY QUICK COUPLING - 1/2" HIGH FLOW INTERCHANGE



### Tapered female thread coupler

	NPT female thread	Part number
	3/8" FNPT	ESI 111202
	1/2" FNPT	ESI 111203
(ED)	3/4" FNPT	ESI 111204

### Tapered male thread coupler

Part number
ESI 111252
ESI 111253
ESI 111254

#### Hose stem coupler

	For hose ID	Part number
	3/8" Hose Barb	ESI 111810
	1/2" Hose Barb	ESI 111813
	5/8" Hose Barb	ESI 111816
-	3/4" Hose Barb	ESI 111819

## PLUG 1/2" HIGH FLOW INTERCHANGE

### Tapered female thread plug

	NPT female thread	Part number
	3/8" FNPT	ERP 116202
<b>=</b>	1/2" FNPT	ERP 116203
	3/4" FNPT	ERP 116204

### Tapered male thread plug

	NPT male thread	Part number
	3/8" MNPT	ERP 116252
	1/2" MNPT	ERP 116253
1111	3/4" MNPT	ERP 116254
	Teflon-coated thread	

### Hose stem plug

1/2" Hose ba 5/8" Hose Ba	For hose ID	Part number
	3/8" Hose Barb	ERP 116810
	1/2" Hose barb	ERP 116813
	5/8" Hose Barb	ERP 116816
	3/4" Hose Barb	ERP 116819

# SAFETY QUICK COUPLING - 1/4" ARO 210 INTERCHANGE

### Tapered female thread coupler

€D	NPT female thread	Part number
	1/4" FNPT	ASI 061201
	3/8" FNPT	ASI 061202
(feet)	1/2" FNPT	ASI 061203

### Tapered male thread coupler

	NPT male thread	Part number
	1/4" MNPT	ASI 061251
	3/8" MNPT	ASI 061252
#	1/2" MNPT	ASI 061253

### Hose stem coupler

For hose ID	Part number
1/4" Hose Barb	ASI 061806
3/8" Hose Barb	ASI 061810
1/2" Hose Barb	ASI 061813

### Female threaded double wall manifold - 2 couplings and drain - 1/4" ARO 210 Interchange

Inlet NPT female thread	Outlet: 2 couplings	Part number
1/2" FNPT	ASI 06	ASI 068203WK
3/4" FNPT	ASI 06	ASI 068204WK

## PLUG 1/4" ARO 210 INTERCHANGE

### Tapered female thread plug

ı	NPT female thread	Part number
<b>=</b>	1/4" FNPT	ARP 066201
	3/8" FNPT	ARP 066202

### Tapered male thread plug

NPT male thread	Part number
1/4" FNPT	ARP 066251
3/8" FNPT	ARP 066252
Thread : Teflon-coated	

#### Hose stem plug

For hose ID	Part number
1/4" Hose Barb	ARP 066806
3/8" Hose Barb	ARP 066810



## Regular push button PROLAC



adaptor into the coupling and disconnected instantaneously by pressing the button. Pushing a button to disconnect and cut off the supply is an intuitive action. A straightforward thumb movement makes Prolac couplings comfortable to work with.

## COMPACT, LIGHTWEIGHT AND SCRATCH-RESISTANT

### Compact

Single-piece composite construction. The perfectly cylindrical single piece construction enables use in all work environments. No parts overhang outside the coupling, avoiding snagging and accidental disconnection. The air circuit opens when the adaptor is in place.

### Light

The IRC 06 couplings are designed to allow users ease of movement. Their lightweight and compact construction optimises efficiency and ease of use.

### Non-scratch coupling

Their resin body avoids scratching bodywork.

## PROXI STAINLESS STEEL COUPLINGS

**External construction**: composite material compatible with corrosive atmospheres\*

Internal construction: high resistance stainless steel\*

• Plug: 316 L stainless steel

#### Fluids carried:

- Compressed air in corrosive atmosphere
- Cold water, hot water up to 140°F
- Inert gases from 5°F to 140°F

## SIMPLICITY AND RELIABILITY OF CONNECTION AND DISCONNECTION

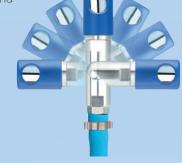
- When using a quick coupling with a Prevost adaptor, a perfectseal is guaranteed in three areas:
  - Adaptor to O-ring
  - Valve seal held in place on seat
  - Solid seal in check chamber

### SWIVEL OPTION

The 360° free rotation ensures easy tool handling.

The swivel fitting eliminates all constraints on the hose (uncontrolled coiling and twisting).

Paint spray guns, pneumatic tools and precision work are all facilitated.



For more details : www.prevostusa.com



### REGULAR QUICK **COUPLING 1/4 INDUSTRIAL** INTERCHANGE





### Tapered female thread coupler



#### Tapered male thread plug

	NPT male thread	Part number
-	1/4" MNPT	IRP 066251
	3/8" MNPT	IRP 066252
	Teflon-coated thread	

### **REGULAR QUICK** COUPLING - 3/8"





### Tapered female thread coupler

-	NPT female thread	Part number
	1/4" FNPT	IRC 081201
	3/8" FNPT	IRC 081202
	1/2" FNPT	IRC 081203

### Tapered male thread plug

NPT male thread	Part number
1/4" MNPT	IRP 086251
3/8" MNPT	IRP 086252
Teflon-coated thread	

### **REGULAR QUICK COUPLING HIGH FLOW** INTERCHANGE



#### Tapered female thread coupler

art number	NPT female thread	
RC 071201	1/4" FNPT	O

### Tapered male thread plug

	NPT male thread	Part number
	1/4" MNPT	ERP 076251
	3/8" MNPT	ERP 076252
	Teflon-coated thread	

### REGULAR QUICK COUPLING - 1/4" AUTOMOTIVE INTERCHANGE



#### Tapered female thread coupler



### Tapered male threaded plug



### REGULAR QUICK COUPLING -3/8" AUTOMOTIVE INTERCHANGE

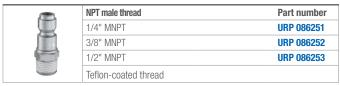




### Tapered female thread coupler

4	NPT female thread	Part number
	1/4" FNPT	URC 081201
	3/8" FNPT	URC 081202
	1/2" FNPT	URC 081203

### Tapered male threaded plug



### **REGULAR QUICK COUPLING - 1/4" ARO 210 INTERCHANGE**



### Tapered female thread coupler



#### Tapered male thread plug





## Blow guns

## **Prevo** NEW GENERATION BLOW GUNS

Compact compressed-air blowguns with integrated plug Users will appreciate the **prevo S1** blowguns in their daily operations, for their ease of use. These blowguns, equipped with PREVOST plugs, are compatible with all major connection profile standards. The plugs couple directly to the **prevo S1** quick safety coupling, which also optimizes the blowguns ergonomics (excellent handling).



### Construction

- Body and lever: polyamide composite
- Seals: nitrile
- Valves: polyacetal (POM)
- Plug: nitrided steel, scratch and corrosion resistant A II materials are compliant with the RoHS1 directive and REACH2 regulations.

### Technical specifications

- Maximum operating pressure: 174 psi
- Recommended pressure: 87 psi
- Operating temperature range: +5°F to 158°F

### Use

- Fluid: compressed air
- · Applications: blowing, dust removal, cleaning and drying of tools and workstations
- Sectors of activity: industry, automotive, wood working, etc.

### Safety

• Reinforced security thanks to the association with the prevo S1 quick coupling





### The configurations

The prevo S1 range of blowers consists of:

- Prevo S1 standard blow guns
- Soufflettes prevo S1 pocket

nozzle OSHA

IBG 06OSH

nozzle MTL

nozzle OSHA



IBG 06MTL



IPG 06OSH

## PREVO S1 BLOW GUNS - INDUSTRIAL INTERCHANGE

### prevo S1 blow gun with OSHA metal nozzle - Standard model

	Blowing force (at 87 psi) (0z)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
T.	9	7.7	85	IBG 06MTLH
<b>OSHA</b>	prevo S1	coupler sold s	eparately : ISI 06	

### prevo S1 blow gun with metal nozzle - Standard model

	Blowing force (at 87 psi) (Oz)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
42	390	20	89	IBG 06MTL
4	prevo S1	coupler sold s	eparately : ISI 06	

### prevo S1 blowgun with OSHA polyamid composite nozzle - Standard model

	Blowing force (at 87 psi) (Oz)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
The second second	9	7.7	87	IBG 060SH
<b>OSHA</b> °	prevo S1	coupler sold sepa	arately : ISI 06	

### prevo S1 blowgun with OSHA polyamid composite nozzle - Pocket model

6	Blowing force (at 87 psi) (Oz)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
4	6	8.2	89	IPG 060SH
<b>OSHA</b> °	prevo S1	coupler sold sepa	arately : ISI 06	

### prevo S1 blow gun with OSHA metal nozzle - Standard model

	Blowing force (at 87 psi) (Oz)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
7	9	7.7	85	UBG 06MTLH

### prevo S1 blow gun with metal nozzle - Standard model

	Blowing force (at 87 psi) (Oz)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
	14	12	89	UBG 06MTL
, in the second second	prevo S1	coupler sold s	eparately : USI 06	

### prevo S1 blowgun with OSHA polyamid composite nozzle - Standard model

	Blowing force (at 87 psi) (Oz)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
3	7	7.7	87	UBG 060SH
<b>OSHA</b> °	prevo S1 o	coupler sold s	eparately: USI 06	

### prevo S1 blowgun with OSHA polyamid composite nozzle - Pocket model

	Blowing force (at 87 psi) (Oz)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
T	6	8.2	89	UPG 060SH
<b>OSHA</b> °	prevo S1	coupler sold s	eparately : USI 06	

### prevo S1 blow gun with OSHA metal nozzle - Standard model

	Blowing force (at 87 psi) (0z)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
, ,	9	7,7	85	EBG 07MTLH
<b>OSHA</b> °	prevo S1	coupler sold s	eparately : ESI 07	

#### prevo S1 blow gun with metal nozzle - Standard model

	Blowing force (Oz) (at 87 psi)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
<u>ā</u>	390	20	89	EBG 07MTL
	prevo S1	coupler sold s	separately : ESI 07	

### prevo S1 blowgun with OSHA polyamid composite nozzle - Standard model

4	Blowing force (at 87 psi) (Oz)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
1	9	7.7	87	EBG 070SH
<b>OSHA</b> °	prevo S1	coupler sold s	eparately : ESI 07	

### prevo S1 blow gun with OSHA polyamid composite nozzle - Pocket model

6	Blowing force (at 87 psi) (0z)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
I	6	8,2	89	EPG 070SH
<b>OSHA</b> °	prevo S1 d	coupler sold se	parately : ESI 07	



## PREVO S1 BLOW GUNS - ARO 210 INTERCHANGE

### prevo S1 blow gun with OSHA metal nozzle - Standard model

	Blowing force (at 87 psi) (Oz)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
-	9	7.7	85	ABG 06MTLH
<b>OSHA</b> °	prevo S1 coup	oler sold separately	: ASI 06	

### prevo S1 blow gun with metal nozzle - Standard model

		Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
	390	20	89	ABG 06MTL
*	prevo S1 cour	oler sold separatel	y: ASI 06	

### prevo S1 blowgun with OSHA polyamid composite nozzle - Standard model

4	Blowing force (Oz) (at 87 psi)	Air consumption (at 87 psi) (SCFM)	Noise level (at 6 bar) (dBA)	Part number
-	9	7.7	87	ABG 060SH
<b>OSHA</b>	prevo S1 coup	ler sold separately	: ASI 06	

### prevo S1 blow gun with OSHA polyamid composite nozzle - Pocket model

6	Blowing force (Oz) (at 87 psi)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number			
7	6	8.2	89	APG 060SH			
<b>OSHA</b> °	prevo S1 coup	prevo S1 coupler sold separately : ASI 06					

### prevo S1 blow gun with OSHA polyamid composite nozzle - Standard model

1	Blowing force (at 87 psi) (Oz)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
	9	7.7	87	CBG 060SH
ΗÅ	prevo S1 coup	oler sold separately	: CSI 06	

### prevo S1 blow gun with metal nozzle - Standard model

Blowing force (at 87 psi)(0z)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
390	20	89	CBG 06MTL
prevo S1 coup	ler sold separately	: CSI 06	

### prevo S1 blow gun with OSHA polyamid composite nozzle - Pocket model

	Blowing force (at 87 psi)(0z)	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
7	6	8.2	89	CPG 060SH
<b>OSHA</b> °	prevo S1 coup	oler sold separately	: CSI 06	

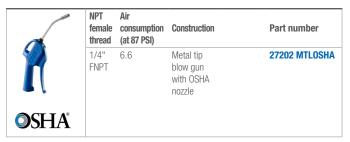
## **27202** blow guns

### PROGRESSIVE AND ERGONOMIC BLOW GUNS 27202

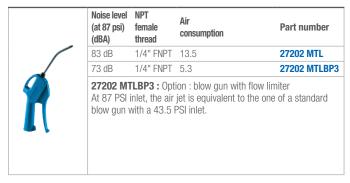


### **27202 BLOW GUN**

### **OSHA Venturi Metal Nozzle Blow Gun**



#### Metal Nozzle Blow Gun



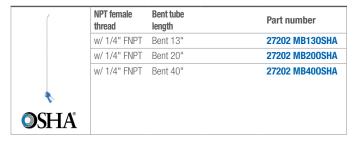
#### Metal Nozzle Blow Gun

	Nozzle	Construction	Part number
R	Bent 4" with Rubber Tip w/ 1/4" FNPT	Metal tip blow gun with non-scratch nozzle	27202 MTLRT

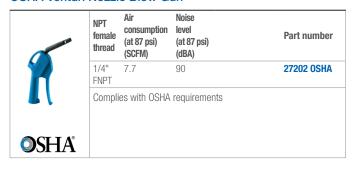
### Metal Nozzle Blow Gun

	NPT female thread	Bent tube length (mm)	Part number
	1/4" FNPT	13"	27202 MB13
	1/4" FNPT	20"	27202 MB20
	1/4" FNPT	Straight 13"	27202 MS13
R	1/4" FNPT	Straight 20"	27202 MS20

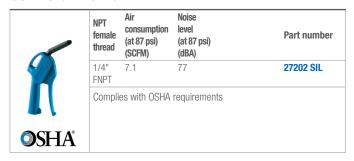
#### **OSHA Metal Nozzle Blow Gun**



### **OSHA Venturi Nozzle Blow Gun**



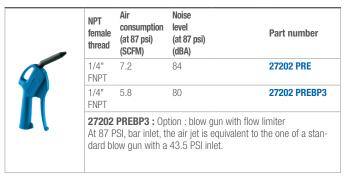
#### **OSHA Silent Nozzle**



#### **Protective Sreen Nozzle**

•	NPT female thread	Air consumption (at 87 psi) (SCFM)	Noise level (at 87 psi) (dBA)	Part number
R	1/4" FNPT	15.9	82	27202 ECR

#### Non-Scratch Blow Gun





# Prevost Piping System Concept 100 % aluminium

### New concept

Pipes are held in the fitting using a new system: the « PPS Grip Concept ». The PPS Grip Concept is based on a stainless steel ring with teeth that penetrate the aluminum. A leak tight connection is achieved via a **new contoured and lubricated seal**, with **optimised design** and properties. The seal remains perfectly leaktight even under the harshest conditions.



### Network design

To design a network, the pipe diameter must be determined, taking into account the desired flow rate and the length of the main pipe. Data calculated for a service pressure of 116 psi (8 bar) with 5% pressure loss.

	СО	MPRESS	OR*		MAIN RING LENGTH				LENGTH				
PO	WER		FLOW		30 m	76 m	152 m	305 m	610 m	914 m	1219 m	1524 m	1981 m
kW	HP	Nm3/h	NI/min	Scfm	100 ft	250 ft	500 ft	1000 ft	2000 ft	3000 ft	4000 ft	5000 ft	6500 ft
2,2	3,00	22	367	13	1/2"	1/2"	3/4"	3/4"	1"	1"	1"	1 1/4"	1 1/4"
3	4,00	30	500	18	1/2"	1/2"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
4	5,00	40	668	24	1/2"	3/4"	3/4"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1"1/2
5,5	7,50	50	833	29	1/2"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
7,5	10,00	70	1167	41	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
11	15,00	100	1667	59	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"	2"
15	20,00	150	2500	88	1"	1 1/4"	1 1/4"	1 1/2"	2"	2"	2"	2"	2 1/2"
18	25,00	180	3000	106	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"
22	30,00	220	3674	130	1 1/4"	1 1/4"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
26	35,00	260	4167	147	1 1/2"	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
30	40,00	350	5833	206	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	3"	3"
37	50,00	370	6179	218	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	3"	3"	3"
45	60,00	500	8350	294	2"	2"	2"	2 1/2"	2 1/2"	3"	3"	3"	3"
55	75,00	550	9185	324	2"	2"	2"	2 1/2"	2 1/2"	3"	3"	3"	
75	100	750	12500	441	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"	3"			
90	125	1000	16667	589	2 1/2"	2 1/2"	2 1/2"	3"	3"				
110	150	1100	18370	649	2 1/2"	2 1/2"	2 1/2"	3"					
132	175	1500	25000	883	3"	3"	3"	3"					
160	215	1750	29167	1030	3"	3"	3"						
200	270	2000	33333	1177	3"	3"	3"						

<sup>\*</sup> These values may vary slightly from compressor data

## PPS SYSTEM ALL ALUMINIUM NETWORKS

### PPS - Aluminium pipe for compressed air

	Pipe OD (in)	Length (ft)	Part number
	1/2" / 16 mm	13.12 ft / 4 m	PPS TUB16L4
	3/4" / 20 mm	19.70 ft / 6 m	PPS TUB20L6
	1" / 25 mm	19.70 ft / 6 m	PPS TUB25L6
	1 1/4" / 32 mm	19.70 ft / 6 m	PPS TUB32L6
Samuel	1 1/2" / 40 mm	19.70 ft / 6 m	PPS TUB40L6
	2" / 50 mm	19.70 ft / 6 m	PPS TUB50L6
	2 1/2" / 63 mm	19.70 ft / 6 m	PPS TUB63L6
	3" / 80 mm	19.70 ft / 6 m	PPS TUB80L6

#### PPS - Aluminium pipe for vacuum

	Pipe OD (in)	Length (ft)	Part number
	1/2" / 16 mm	13.12 ft / 4 m	PPS TUG16L4
	3/4" / 20 mm	19.70 ft / 6 m	PPS TUG20L6
	1" / 25 mm	19.70 ft / 6 m	PPS TUG25L6
	1 1/4" / 32 mm	19.70 ft / 6 m	PPS TUG32L6
	1 1/2" / 40 mm	19.70 ft / 6 m	PPS TUG40L6
gpant	2" / 50 mm	19.70 ft / 6 m	PPS TUG50L6
91	2 1/2" / 63 mm	19.70 ft / 6 m	PPS TUG63L6
	3" / 80 mm	19.70 ft / 6 m	PPS TUG80L6

### PPS - Aluminium pipe for nitrogen

	Pipe OD (in)	Length (ft)	Part number
	3/4" / 20 mm	19.70 ft / 6 m	PPS TUV20L6
y journit	1" / 25 mm	19.70 ft / 6 m	PPS TUV25L6

### PPS - Aluminium bended link pipe

 Pipe OD (in)	Part number
1/2"	PPS LMCB16
3/4"	PPS LMCB20
1"	PPS LMCB25

### PPS1 UN - Aluminum union for pipe

1/2"	
	PPS1 UN16
3/4"	PPS1 UN20
1"	PPS1 UN25
1 1/4"	PPS1 UN32
1 1/2"	PPS1 UN40
2"	PPS1 UN50
2 1/2"	PPS1 UN63
3"	PPS1 UN80

### PPS1 UNS - Aluminum female slide union for pipe

For pipe OD (in)	Part number
1"	PPS1 UNS25
1 1/4"	PPS1 UNS32
1 1/2"	PPS1 UNS40
2"	PPS1 UNS50
2 1/2"	PPS1 UNS63
3"	PPS1 UNS80

### PPS1 MR - Aluminium pipe reducing fitting

	For pipe OD (in)	For pipe OD (in)	Part number
	1"	3/4"	PPS1 MR2520
	1 1/4"	1"	PPS1 MR3225
	1 1/2"	1 1/4"	PPS1 MR4032
	2"	1 1/2"	PPS1 MR5040
	2 1/2"	2"	PPS1 MR6350
	3"	2 1/2"	PPS1 MR8063

### PPS1 9C - 90° Aluminum union elbow for pipe

	For pipe OD (in)	Part number
	1/2"	PPS1 9C16
	3/4"	PPS1 9C20
	1"	PPS1 9C25
	1 1/4"	PPS1 9C32
	1 1/2"	PPS1 9C40
	2"	PPS1 9C50
	2 1/2"	PPS1 9C63
	3"	PPS1 9C80



## PPS SYSTEM ALL ALUMINIUM NETWORKS

### PPS1 9CM - 90° aluminum tapered male threaded elbow for pipe



For pipe OD (in)	NPT male thread	Part number	
1/2"	3/8" MNPT	PPS1 9CM16252	
1/2"	1/2" MNPT	PPS1 9CM16253	
3/4"	1/2" MNPT	PPS1 9CM20253	
1"	1/2" MNPT	PPS1 9CM25253	
1"	3/4" MNPT	PPS1 9CM25254	
1 1/4"	1" MNPT	PPS1 9CM32255	
1 1/2"	1 1/4" MNPT	PPS1 9CM40256	
1 1/2"	1 1/2" MNPT	PPS1 9CM40257	

### PPS1 4C - 45° Aluminum equal female elbow for pipe

For pipe OD (in)	Part number
1/2"	PPS1 4C16
3/4"	PPS1 4C20
1"	PPS1 4C25
1 1/4"	PPS1 4C32
1 1/2"	PPS1 4C40

### PPS1 BO - Aluminum Pipe Cap

	For pipe OD (in)	Part number
	1/2"	PPS1 B016
	3/4"	PPS1 B020
	1"	PPS1 B025
	1 1/4"	PPS1 B032
-	1 1/2"	PPS1 B040
	2"	PPS1 B050
	2 1/2"	PPS1 B063
	3"	PPS1 B080

### PPS1 TE - Aluminum equal female tee piece for pipe

	For pipe OD (in)	Part number
	1/2"	PPS1 TE16
	3/4"	PPS1 TE20
C/A	1"	PPS1 TE25
	1 1/4"	PPS1 TE32
	1 1/2"	PPS1 TE40
	2"	PPS1 TE50
	2 1/2"	PPS1 TE63
	3"	PPS1 TE80

### PPS1 TR - Aluminium reducing branch tee for pipe

	For pipe OD (in)	For pipe OD (in)	Part number
	3/4"	1/2"	PPS1 TR2016
<b>F</b>	1"	1/2"	PPS1 TR2516
	1"	3/4"	PPS1 TR2520
	1 1/4"	1/2"	PPS1 TR3216
	1 1/4"	3/4"	PPS1 TR3220
	1 1/4"	1"	PPS1 TR3225

### PPS1 TT - Aluminum tapered female threaded tee piece for pipe

	For pipe OD (in)	NPT female thread	Part number
	1/2"	3/8" FNTP	PPS1 TT16202
	3/4"	1/2" FNTP	PPS1 TT20203
	1"	1/2" FNTP	PPS1 TT25203
	1"	3/4" FNPT	PPS1 TT25204
	1 1/4"	3/4" FNTP	PPS1 TT32204
	1 1/4"	1" FNTP	PPS1 TT32205
	1 1/2"	3/4" FNPT	PPS1 TT40204
	1 1/2"	1" FNPT	PPS1 TT40205
57 (31)	1 1/2"	1 1/4" FNPT	PPS1 TT40206
	2"	1" FNPT	PPS1 TT50205
	2"	1 1/4" FNPT	PPS1 TT50206
	2"	1 1/2" FNPT	PPS1 TT50207
	2 1/2"	1" FNPT	PPS1 TT63205
	2 1/2"	1 1/4" FNPT	PPS1 TT63206
	2 1/2"	1 1/2" FNPT	PPS1 TT63207
	2 1/2"	2" FNPT	PPS1 TT63208
	3"	1" FNPT	PPS1 TT80205
	3"	1 1/2" FNPT	PPS1 TT80207
	3"	2" FNPT	PPS1 TT80208
	3"	2 1/2" FNPT	PPS1 TT80209

### PPS1 MM - Aluminum tapered male threaded straight fitting for pipe

For pipe OD (in)	NPT male thread	Part number
1/2"	3/8" MNPT	PPS1 MM16252
1/2"	1/2" MNPT	PPS1 MM16253
3/4"	1/2" MNPT	PPS1 MM20253
3/4"	3/4" MNPT	PPS1 MM20254
1"	1/2'' MNPT	PPS1 MM25253
1"	3/4'' MNPT	PPS1 MM25254
1"	1" MNPT	PPS1 MM2525
1 1/4"	1" MNPT	PPS1 MM3225
1 1/4"	1 1/4" MNPT	PPS1 MM32256
1 1/2"	1 1/4" MNPT	PPS1 MM40256
1 1/2"	1 1/2" MNPT	PPS1 MM40257
2"	1 1/2" MNPT	PPS1 MM50257
2"	2" MNPT	PPS1 MM50258
2 1/2"	2" MNPT	PPS1 MM63258
2 1/2"	2 1/2" MNPT	PPS1 MM63259
3"	2 1/2" MNPT	PPS1 MM80259
3"	3" MNPT	PPS1 MM80251



### PPS1 MF - Aluminum female threaded fitting for pipe

	For pipe OD (in)	NPT female thread	Part number
	1/2"	3/8" FNPT	PPS1 MF16202
	1/2"	1/2" FNPT	PPS1 MF16203
	3/4"	1/2" FNPT	PPS1 MF20203
	3/4"	3/4" FNPT	PPS1 MF20204
	1"	1/2" FNPT	PPS1 MF25203
	1"	3/4" FNPT	PPS1 MF25204
Total Control	1"	1" FNPT	PPS1 MF25205
	1 1/4"	1" FNPT	PPS1 MF32205
	1 1/4"	1 1/4" FNPT	PPS1 MF32206
	1 1/2"	1 1/4" FNPT	PPS1 MF40206
	1 1/2"	1 1/2" FNPT	PPS1 MF40207
	2"	1 1/2" FNPT	PPS1 MF50207
	2"	2" FNPT	PPS1 MF50208
	2 1/2"	2" FNPT	PPS1 MF63208
	2 1/2"	2 1/2" FNPT	PPS1 MF63209
	3"	2 1/2" FNPT	PPS1 MF80209
	3"	3" FNPT	PPS1 MF802010

### PPS1 RSIF - Aluminum parallel female threaded valves with fittings for pipe

	For pipe OD (in)	NPT female thread	Part number
	1 1/2"	1 1/4" FNPT	PPS1 RSIF40206
	2"	1 1/2" FNPT	PPS1 RSIF50207
1	2 1/2"	2" FNPT	PPS1 RSIF63208
	3"	2 1/2" FNPT	PPS1 RSIF80209
	1/2"	1/2" FNPT	PPS1 RSIF16203
	3/4"	1/2" FNPT	PPS1 RSIF20203
	1"	3/4" FNPT	PPS1 RSIF25204
	1 1/4"	1" FNPT	PPS1 RSIF32205

### PPS1 RSIM - Aluminum parallel male threaded valves with fittings for pipe

	For pipe OD (in)	NPT male thread	Part number
	1/2"	1/2" MNPT	PPS1 RSIM16253
1	3/4"	1/2" MNPT	PPS1 RSIM20253
	1"	3/4" MNPT	PPS1 RSIM25254
	1 1/4"	1" MNPT	PPS1 RSIM32255
	1 1/2"	1 1/4" MNPT	PPS1 RSIM40256
	2"	1 1/2" MNPT	PPS1 RSIM50257

### PPS1 RSI - Aluminum piping ball valve

(mm)	Part number
1/2"	PPS1 RSI16
3/4"	PPS1 RSI20
1"	PPS1 RSI25
1 1/4"	PPS1 RSI32
1 1/2"	PPS1 RSI40
2"	PPS1 RSI50
2 1/2"	PPS1 RSI63
3"	PPS1 RSI80

### PPS1 BP - Aluminum tapping flange for pipe

	For pipe OD (in)	For pipe OD (in)	Part number
	1"	1/2"	PPS1 BP2516
	1"	3/4"	PPS1 BP2520
	1 1/4"	1/2"	PPS1 BP3216
	1 1/4"	3/4"	PPS1 BP3220
	1 1/2"	1/2"	PPS1 BP4016
	1 1/2"	3/4"	PPS1 BP4020
C	1 1/2"	1"	PPS1 BP4025
19.4	2"	1/2"	PPS1 BP5016
	2"	3/4"	PPS1 BP5020
43	2"	1"	PPS1 BP5025
	2 1/2"	3/4"	PPS1 BP6320
	2 1/2"	1"	PPS1 BP6325
	2 1/2"	1 1/4"	PPS1 BP6332
	3"	3/4"	PPS1 BP8020
	3"	1"	PPS1 BP8025
	3"	1 1/4"	PPS1 BP8032

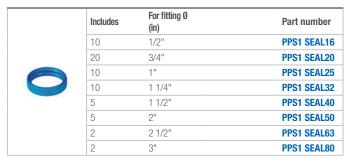
### PPS1 BT - Aluminum threaded tapping flange for pipe

For pipe OD (in)	NPT female thread	Part number
1"	3/8" FNPT	PPS1 BT25202
1"	1/2" FNPT	PPS1 BT25203
1 1/2"	1/2" FNPT	PPS1 BT40203
1 1/4"	1/2" FNPT	PPS1 BT32203
1 1/2"	3/4" FNPT	PPS1 BT40204
1 1/4"	3/4" FNPT	PPS1 BT32204
1 1/2"	1" FNPT	PPS1 BT40205
2"	1/2" FNPT	PPS1 BT50203
2"	3/4" FNPT	PPS1 BT50204
2"	1" FNPT	PPS1 BT50205
2 1/2"	1/2" FNPT	PPS1 BT63203
2 1/2"	3/4" FNPT	PPS1 BT63204
2 1/2"	1" FNPT	PPS1 BT63205
3"	1/2" FNPT	PPS1 BT80203
3"	3/4" FNPT	PPS1 BT80204
3"	1" FNPT	PPS1 BT80205

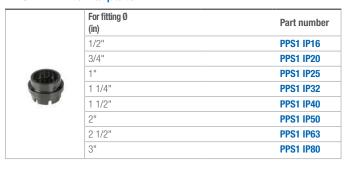
For fitting Ø (in)	Part number
1/2"	PPS1 NUT16
3/4"	PPS1 NUT20
1"	PPS1 NUT25
1 1/4"	PPS1 NUT32
1 1/2"	PPS1 NUT40
2"	PPS1 NUT50
2 1/2"	PPS1 NUT63
3"	PPS1 NUT80



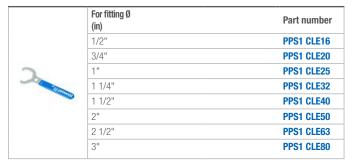
#### PPS1 SEAL - Gasket kit



#### PPS1 IP - Internal parts kit



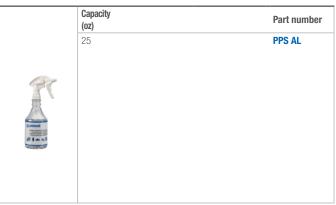
### PPS1 CLE - Spanner wrench



### PPS SP - Drill for taping flange

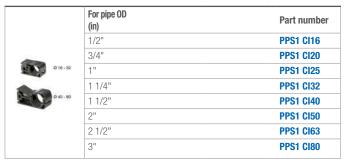


### PPS AL - Spray lubrificator for assembly

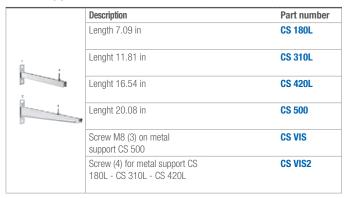


### **ACCESSORIES FOR PPS**

### PPS1 CI - Piping Clamp (unit of sales = 1 box of 5 clamps)



### Metal support bracket

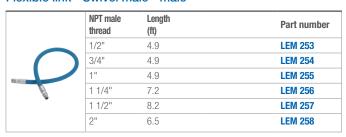


#### M8 Beam clip

		Panel thickness (in)	Metric thread	Part number
		.11" to .31" (1)		CP 38
		.31" to .55" (1)		CP 814
	2	.55" to .78" (1)		CP 1420
		up to .63" max. (2)	M6 or cross-piece	CP 016

### **FLEXIBLE LINKS**

### Flexible link - Swivel male - male





### **INSTALLATION TOOL CASE**

### PPS CT - Tools case for pipes preparation



### PPS CK - Tightening wrenches case

		Part number
	Includes :PPS1 CLE16 / PPS1 CLE20 / PPS1 CLE25 / PPS1 CLE32 / PPS PEN	PPS CK1632
	Includes :PPS1 CLE40 / PPS1 CLE50 / PPS PEN	PPS CK4050
	Includes :PPS1 CLE63 / PPS1 CLE80 / PPS PEN	PPS CK638
9999		

## The hose reels range

### THE ADVANTAGES THAT MAKE THE DIFFERENCE

Automatic hose reels are essential equipment for an efficient workshop. They save time and enable flexible distribution hoses to be used in total safety and comfort. Available for the following media:

- compressed air,
- cold water and hot water at high and low pressure,
- oil, grease, prevost's comprehensive range of hose reels meets all requirements.

### → RETURN SPRING

The return spring system effortlessly winds the hose back into the reel housing. This extends the service life of hoses by ensuring that they are not left lying on the floor, where they would be exposed to contaminants, abrasion and a risk of crushing.



The DRFB range features a braked return system which optimises operator safety and safeguards the work area. The brake ensures that the hose is reeled in smoothly and progressively. This means that users can safely let go of a hose without it being reeled in unexpectedly fast.



### QUICK CONNECTION FITTINGS

Compressed air hose reels feature prevo S1 quick safety couplings, offering hose whip protection and enabling single press depressurisation and disconnection of pneumatic tools in total safely.

The range features various types of couplings:

- 6 mm, 7.4 mm, 8 mm and 11 mm clearance depending on the hose size and the corresponding air flow,  $\,$
- various profiles (Automotive interchange, industrial, high flow, ARO, etc.) meeting the needs of international markets.

### TWIST PROTECTION

A twist protection system on the outlet connector ensures that the hose will not fold during use. Made from lightweight polyamide, the system prevents impact damage to hoses. Stainless steel reels feature stainless steel twist protection.



■ DESIGN

Our extensive experience in the methods and techniques used to manufacture our hose reels ensures that they offer longlasting reliability with no premature wear. The reels are fitted with appropriate hoses for the fluids carried:

- compressed air
- cold water and hot water, at high and low pressure
- grease and oil.

The technology and the quality of the materials ensure that the reels are robust and effective.

### → STOP CATCH

The reel mechanism includes a catch system that locks the hose at the length needed for the operator's work. This avoids the operator being hampered by heavy, cumbersome lengths of hose. Pulling on the hose releases the catch, enabling the return spring to automatically wind the hose back into the reel.

## → WALL-MOUNTED OR OVERHEAD INSTALLATION

Our hose reels can be mounted on a wall, overhead or fitted on a trolley, depending on the workshop layout, always ensuring good reach. A carefully placed reel reduces workshop clutter and increases productivity and convenience.



## ENCLOSED HOSE REELS FOR COMPRESSED AIR / STEEL

#### DRFB Series - Hose reel w/ safety retraction - PU/PVC hose



ID (in)	Length (ft)	Coupler	Part number
5/16"	40'	ISI 06	DRFB 0812IS
5/16"	40'	ISI 06	DRFB 0815IS
3/8"	33'	ISI 06	DRFB 1010IS
3/8"	40'	ISI 06	DRFB 1012IS

180° swiveling bracket **Inlet:** 1 m hose

Outlet: with prevoS1 safety quick coupling

**Temperature :** 5° F to 149° F **Pressure :** 174 PSI

### DRF Series - Medium - Economy type - Outer hose: PU/PVC - Inner: PU ether base



ID (in)	Length (ft)	Coupler	Part number
5/16"	40'	ISI 06	DRF 0812IS
5/16"	50'	ISI 06	DRF 0815IS
3/8"	40'	ISI 06	<b>DRF 1012IS</b>
3/8"	33'	ISI 06	DRF 1010IS
5/16"	40'	USI 06	DRF 0812US
5/16"	50'	USI 06	DRF 0815US
3/8"	33'	USI 06	<b>DRF 1010US</b>
3/8"	40'	USI 06	DRF 1012US

180° swiveling bracket **Inlet:** 1 m hose

Outlet: with prevoS1 safety quick coupling

**Temperature:** 5° F to 149° F

Pressure: 174 PSI

### DSF series - small - Polyurethane hose w/ polyester base



ID (in)	Length (ft)	Coupler	Part number
5/16"	17'	ISI 06	DSF 0805IS
3/8"	10'	ISI 06	DSF 1003IS
Inlet:	wiveling bra 1 m Hose : with prev	acket oS1 safety quick coupling	

### DMF Series - Industrial type - Polyurethane hose

**Temperature :** 5° F to 104° F **Pressure :** 174 PSI



(in)	(ft)	обирісі	i di t iidiiiboi
5/16"	33'	ISI 06	DMF 0810IS
180° sı	viveling b	racket	
Inlet:	3/8" FBSF	P + 1 m hose	
Outlet:	with pre	voS1 safety quick coupling	
Tempe	rature :	5°F to 104°F	
Pressu	re: 174	PSI	

Part number

### DPF series - Industrial type - Polyurethane hose



(in)	Length (ft)	Coupler	Part number
5/16"	40'	ISI 06	DPF 0812IS
3/8"	33'	ISI 06	DPF 1010IS
	wiveling bra	acket	

Inlet: 3/8" FBSP + 1 m hose

**Outlet:** with prevoS1 safety quick coupling **Temperature:** 5°F to 104°F

Pressure: 174 PSI

### DGF series - Large industrial type - Rubber hose



	(in)	Length (ft)	Coupler	Part number
	5/16"	33'	ISI 06	<b>DGF 0810IS</b>
	5/16"	50'	ISI 06	DGF 0815IS
•	5/16"	65'	ISI 06	DGF 0820IS
l	3/8"	33'	ISI 06	<b>DGF 1010IS</b>
ı	3/8"	50'	ISI 06	<b>DGF 1015IS</b>
_	1/2"	33'	ISI 08	DGF 1310IS

Fixed bracket Inlet: 3/8" FBSP

Inlet: 1/2" MBSP for DGF 1310
Outlet: with prevoS1 safety quick coupling

**Temperature :** 5° F to 104° F **Pressure :** 174 PSI

#### DMO series - medium - Rubber hose



ID (in)	Length (ft)	Coupler	Part number
5/16"	33'	ISI 06	DMO 0810IS
5/16"	50'	ISI 06	DMO 0815IS
5/16"	65'	ISI 06	DMO 0820IS
3/8"	33'	ISI 06	DMO 1010IS
3/8"	50'	ISI 06	DMO 1015IS
3/8"	65'	ISI 06	DMO 1020IS

### DVO series - medium - Polyurethane braided hose

**Temperature:** 5° F to 104° F

Pressure: 174 PSI



	ID (in)	Length (ft)	Coupler	Part number				
	3/8"	82'	ISI 06	DV0 1025IS				
	Fixed bra Inlet: 3/ + 1m ho	8" FBSP						
Outlet: with prevoS1 safety quick coupling								

#### DGO series - large - rubber hose



ID (in)	Length (ft)	Coupler	Part number
10 x 17	82'	ISI 06	DGO 1025IS
13 x 20	65'	ISI 08	DGO 1320IS
16x23	33'	ISI 11	DGO 1610IS
+ 1 m ho	'8" FBSP '2" MBSP ose with prevo	for DGO 1320 + DGO 1610 SS1 safety quick coupling F to 149° F	

#### DLO series - extra large - rubber hose

Pressure: 174 PSI



ID (in)	Length (ft)	Coupler	Part number
1/2"	98'	ISI 11	DLO 1330IS
5/8"	82'	ISI 11	DLO 1625IS
3/4"	65'	ISI 11	DLO 1920IS

Fixed bracket Inlet: 1/2" FBSP

Inlet: 1" MBSP for DLO 1920

+ 1 m hose

Outlet: with prevoS1 safety quick coupling

**Temperature :** 5° F to 158° F

Pressure: 174 PSI



## Air treatment units

## ALTO and SPC

### FILTRATION AND TREATMENT OF COMPRESSED AIR

**Treatment of compressed air** is essential for: Preserving pneumatic tools and equipment

- Obtaining high quality work
- Reducing maintenance costs

**ALTO range :** the ALTO range ensures that your pneumatic tools work optimally





### Alto filter

ALTO filters eliminate contaminants from compressed air (particles, water and oil) by filtration and bleeding. They ensure 95% separation of water, oil and solid particles greater than or equal to the selected filtration threshold.

### **→** Alto regulator

ALTO regulators adjust pressure to the values required by each application.

### Alto lubricator

ALTO oil mist lubricators preserve your pneumatic tools by injecting precisely metered quantities of lubricant into the filtered air.

### **Ease of use**

Operation of ALTO units

- Tank with bayonet-type mounting system for NPT 3/8, NPT 1/2, NPT 3/4, NPT 1 assemblies
- Threaded tank for NPT 1/4 assemblies
- Oil flow adjusted by set screw
- Oil tank may be filled during use
- Manual bleed of filters by pressing the drain button
- Tank with metallic protection

### CYCLONE SEPARATORS - SPC

### Condensate separation and draining

Water is one of the main contaminants of compressed air. The cyclone separator is specially designed for the efficient separation and elimination of the largest solid particles as well as water droplets in compressed air. Inside the tank, a fin system drives the compressed air in a rotational movement. Particulate matter is projected against the walls of the tank, under the effect of centrifugal force, then guided towards the base. Condensates are then drained via the automatic float drain.

### Advantages

- Sturdy construction
- Efficient separation of air and water
- Cost-effective and dependable operation
- Applications for flow rates from 155 to 1280 Nm3/h and for all industries.

### **Efficiency**

• Greater than 98% at nominal flow rate and at 7 bar, temperature 20°C, particle size from 10  $\mu$ m to 50  $\mu$ m. Classification according to ISO 8573-1 Water: Class 8

Typical applications for the SPC separator:

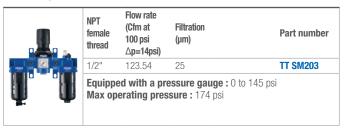
- compressor outlet
- tank outlet
- prefilter for refrigerated dryers
- prefilter for submicron filters



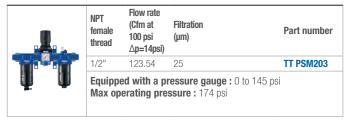


# ALTO 3 - 1/2" FNPT LARGE SIZE COMPRESSED AIR TREATMENT UNITS

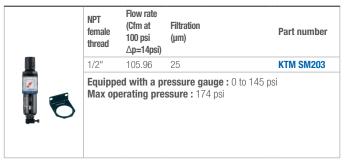
### 3-piece-set - Filter-Regulator-Lubricator (gauge included) with wall bracket



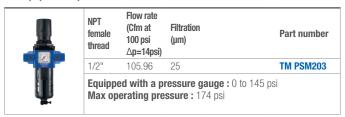
### 3-piece-set - Filter-Regulator-Lubricator (gauge included) with wall bracket and pipe adapters



### Filter-Regulator (gauge included) with wall bracket



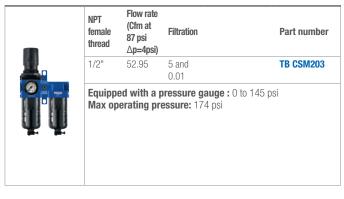
### Filter-Regulator (gauge included) with wall bracket and pipe adapters



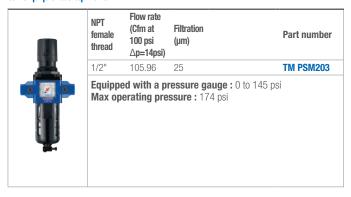
### 2-piece-set - Filter-Regulator-Lubricator (gauge included) with wall bracket, diverter block and pipe adapters

	NPT female thread	Flow rate (Cfm at 100 psi ∆p=14psi)	Filtration (μm)	Part number
	1/2"	105.96	25 and 4 non-lubricated outlets	TB SME203
	Max o	perating pr	pressure gauge : 0 to 145 psi essure : 174 psi bricated aria	

### 2-piece-set - Microfilter assembly with Regulator (gauge included) and wall bracket



### Filter-Regulator (gauge included) with wall bracket and pipe adapters



### MFM SERIES - MICRONIC FILTER

### Micron Filter - Filtration threshold: 1 µm

Female thread (FNPT)	Flow rate (CFM at 100 psi)	Part number
1/2"	50	MFM 1203
	eshold : 1 μm	IIII III 1203



### **GAUGES**

### WATER SEPARATOR (A)

### Square Gauge 1/8" MNPT

	Graduation	Fastening	Part number
	0-58 PSI	Presealed 1/8" MNPT back entry.	MT CA0440T
about the same of	0-87 PSI	Presealed 1/8" MNPT back entry.	MT CA0640T
prevost	0-145 PSI	Presealed 1/8" MNPT back entry.	MT CA1040T
	0-232 PSI	Presealed 1/8" MNPT back entry.	MT CA1640T
	Presealed 1/	8" MNPT back entry. Plexiglas dial	

### Square Gauge 1/8" MBSP

	Graduation (psi)	Fastening BSPP male thread	Construction	Part number
	0 - 4	G 1/8	Plexiglas dial	MT CA0440
d -	0 - 6	G 1/8	Plexiglas dial	MT CA0640
provost	0 - 10	G 1/8	Plexiglas dial	MT CA1040
	0-232	G 1/8	Plexiglas dial	MT CA1640
	Presealed	back entry		

### Round gauge 1/8" MNPT

	Graduation (psi)	Fastening BSPP male thread	Construction	Part number
	0-174 PSI	1/8" MNPT Gas back entry.	Plexiglas dial	MT RA1023T
	Presealed	back entry		

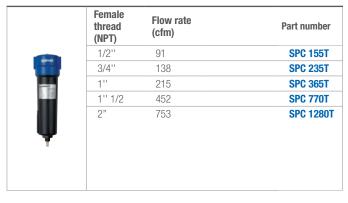
### Round gauge MNPT 1/4"

	Graduation (psi)	Construction	Part number	
	0-58 PSI	Plexiglas dial	MT RA0450T	
	0-145 PSI	Plexiglas dial	MT RA1050T	
	0-363 PSI	Plexiglas dial	MT RA2550T	
	Presealed ba	ack entry		

### Gauge 1/8" MBSP

	Graduation (psi)	Fastening BSPP male thread	Part number
	0-45	1/8"	MT IA1040V
	Presealed ba Solvent resis	ack entry. stant glass dial	

### Cyclonic Water Separator w/ Float Drain



### Wall bracket for SPC separator

Compatible with	Part number
SPC 155T - SPC 235T	SPC Q1
SPC 365T - SPC 770T - SPC 1280T	SPC Q2

### **Drain for SPC**





## Hose extensions

### HOSE EXTENSIONS FITTED WITH QUICK COUPLING AND ADAPTOR

- Wide range of extensions: choice of hose type, diameter and length
- Couplings perfectly match hose diameter
- Leak-tight, ready to use
- Easy and secure connections
- Easy to use, move and store



### TYPES OF EQUIPMENT

### → Hose extensions with ear clamp



Junction JFT ZS

Ear clamps ensure the fixation of hoses, PVC, rubber or other materials, on the cylindrical part of parts intended to receive a pipe (JFT Junction ZS).

- Safety and durability of fixation
- Undesirable products
- Perfect tighten
- To corrosion resistance

This method can be dismantled by cutting the clamp, so the extension can be modified if necessary.

### Crimped hose extensions



- Hose attached to coupling with industrial crimping
- Encased in steel skirt
- Excellent grip of hose

### ▶ Rubber protector



Placed on ear clamp, the rubber protector suits perfectly and cover metal elements. This protection avoid scratches and injuries.

### Extension with swivel couplings avoid



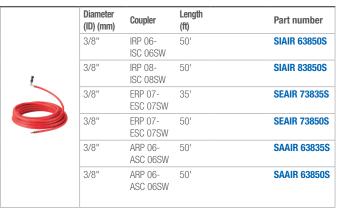
- problems due to twisted hoses
- work stoppages due to broken hoses
- difficult, uncomfortable positions
- Arm and wrist fatigue

They offer operators the freedom of movement needed for quick, highquality work

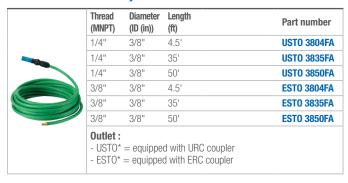


### AIR HOSE EXTENSION

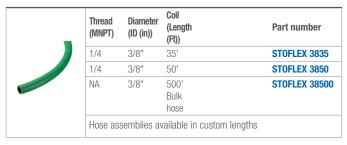
### Airca Hose Assembly with swivel



#### Stoflex Hose Assembly / non static



#### Stoflex- Non static hose



### Airca Rubber Air Hose

1/4         3/8"         25'         AIRCA 3825           1/4         3/8"         50'         AIRCA 3850
NA 3/8" 500' AIRCA 38500 Bulk hose

### PVC HOSE EXTENSION EQUIPPED WITH SAFETY COUPLINGS AND PLUG

FLEXAIR hybrid polymer extension hoses with pressed metal sleeves, non-scratch shield / bend protector and Prevo S1 quick couplings

	ID (in)	Coupler	Length (ft)	Part number
	3/8"	ISI 06	50	RST RISB3850
	3/8"	USI 06	50	RST RUSB3850
618	3/8"	ESI 07	50	RST RESB3850
	3/8"	ASI 06	50	RST RASB3850



## Spirals with swivel coupling

### GUARANTEED FREEDOM OF MOVEMENT

In the workshop, spiral tubing offer the flexibility to supply quick connectors, blow guns and various pneumatic tools.

Their length adapts to the use and allows the operator to use the tool easily connected in its perimeter of work, without constraint of weight and of bulk, avoiding any risk of kinks.



### **PUS** POLYURETHANE VERSION

### PUS SPIRAL TUBES POLYURETHANE

- Pipes delivered assembled ready for use
- Male connection threads

Prefabricated for easy and safe installation

Nickel plated brass fittings

- Good elasticity
- Return to initial position after extension

Long-term guarantee

• Plastic protector preserving possible breaks of the pipe at the level of the connections



Fixed connection on the supply side

For severe applications, we recommend the use of PUS FF polyurethane spiral tubing with fixed connection on each side.



Special Polyurethane» coupling Supplied in spare parts:

- Rotating coupling
- Fixed coupling

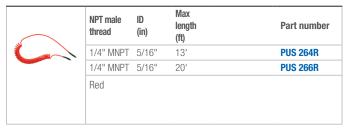


## POLYURETHANE RECOILS WITH SCRATCH-RESISTANT FITTINGS

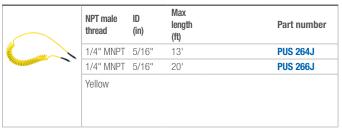
### Spiral Hose w/ fixed and rotating fittings

	NPT male thread	ID (in)	Max length (ft)	Part number
	1/4" MNPT	1/4"	6.5'	PUS 252
	1/4" MNPT	1/4"	13'	PUS 254
	1/4" MNPT	5/16"	13'	PUS 264
	1/4" MNPT	5/16"	20'	PUS 266
	1/4" MNPT	5/16"	26'	PUS 268
	1/4" MNPT	5/16"	32'	PUS 2610
	3/8" MNPT	3/8"	26'	PUS 288
	3/8" MNPT	3/8"	50'	PUS 2815
	Blue			

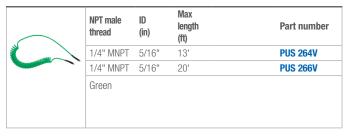
### Spiral Hose w/ fixed and rotating fittings



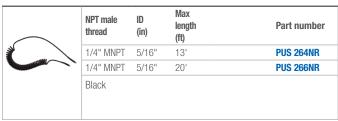
### Spiral Hose w/ fixed and rotating fittings



#### Spiral Hose w/ fixed and rotating fittings



### Spiral Hose w/ fixed and rotating fittings







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