

SAFETY PUSH-BUTTON AIR COUPLERS



prevoS1 Polymer Safety Push-Button Couplers



The prevoS1 coupling meets the top level of quality standards required in the professional industry. Prevost prevoS1 couplers are synonymous with top of the line quality, extended service life, advanced technology, safety and efficiency. The prevoS1 couplings are unrivalled in the market with patent and protected technology.

- Polymer body material: anti-scratch body material also allows user to create a firm grip on the coupling
- One push control to decompress the system and disconnect in complete safety: eliminates hose whip to protect the user, surrounding tools and equipment (ISO 4414 standard)
- Quick and effortless coupling: easy to connect, with no risk of damaging the internal mechanism
- Swivel body creates a quick assembly and optimal positioning: cost savings from increased productivity and decreased labor requirements
- Compact and lightweight coupling for maximum user comfort when handling repetitively
- Provides accuracy and increases work station efficiency - functionally designed to allow a natural grip and easy handling
- Anti-static: conducts electricity to avoid problems related to static electricity (ex. dust attracted to paint/polish or electronic work surfaces)
- Resistant to abrasion, vibrations, corrosion, impacts and crushing: reinforced polymer body is capable of withstanding the harsh conditions frequently found in production environments
- Color coded buttons make the wide selection of international profiles easy to identify: this system reduces the risk of connection errors which may cause damages or accidents
- ATEX classification 1 and 2 (gas) and 21 and 22 (dust)
- Silicone free
- Anti-static construction
- Polymer body
- Nitrile NBR gasket
- Pressure range: 29 to 174 PSI (not suitable for vacuum)
- Temperature: +5°F to +158°F (-15°C to 70°C)
- Other components: steel or aluminum with RoHS compliant anti-corrosion treatment

Applications

- All connections
- Assembly lines (automotive, household appliances, etc.)
- Mechanical manufacturing, machining workshops
- Paper and printing industries
- Automotive repairs
- Textile industries
- Wood and plastics industries
- All work on fragile products

Standard/ Industrial x Male NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
1/4	1/4-18	Steel with Composite Body	1489995	1
	3/8-18	Steel with Composite Body	1489996	1
	1/2-14	Steel with Composite Body	1637144	1
3/8	1/4-18	Steel with Composite Body	1637146	1
	3/8-18	Steel with Composite Body	1489999	1
	1/2-14	Steel with Composite Body	1637147	1
1/2	3/8-18	Steel with Composite Body	1637155	1
	1/2-14	Steel with Composite Body	1637157	1
	3/4-14	Steel with Composite Body	1637159	1

WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov.

Standard/ Industrial x Female NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
1/4	1/4-18	Steel with Composite Body	1489993	1
	3/8-18	Steel with Composite Body	1489994	1
	1/2-14	Steel with Composite Body	1637143	1
3/8	1/4-18	Steel with Composite Body	1489997	1
	3/8-18	Steel with Composite Body	1489998	1
	1/2-14	Steel with Composite Body	1637145	1
1/2	3/8-18	Steel with Composite Body	1637149	1
	1/2-14	Steel with Composite Body	1637151	1
	3/4-14	Steel with Composite Body	1637153	1

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Tru-Flate x Male NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
1/4	1/4-18	Steel with Composite Body	1490005	1
	3/8-18	Steel with Composite Body	1637194	1
	1/2-14	Steel with Composite Body	1637195	1
3/8	1/4-18	Steel with Composite Body	1637197	1
	3/8-18	Steel with Composite Body	1489990	1
	1/2-14	Steel with Composite Body	1637198	1
1/2	3/8-18	Steel with Composite Body	1637206	1
	1/2-14	Steel with Composite Body	1637208	1
	3/4-14	Steel with Composite Body	1637210	1

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Tru-Flate x Female NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
1/4	1/4-18	Steel with Composite Body	1490003	1
	3/8-18	Steel with Composite Body	1490004	1
	1/2-14	Steel with Composite Body	1637193	1
3/8	1/4-18	Steel with Composite Body	1489991	1
	3/8-18	Steel with Composite Body	1489992	1
	1/2-14	Steel with Composite Body	1637196	1
1/2	3/8-18	Steel with Composite Body	1637200	1
	1/2-14	Steel with Composite Body	1637202	1
	3/4-14	Steel with Composite Body	1637204	1

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SAFETY PUSH-BUTTON AIR COUPLERS



prevoS1 Polymer Safety Push-Button Couplers

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- Polymer body material: anti-scratch body material also allows user to create a firm grip on the coupling
- One push control to decompress the system and disconnect in complete safety: eliminates hose whip to protect the user, surrounding tools and equipment (ISO 4414 standard)
- Quick and effortless coupling: easy to connect, with no risk of damaging the internal mechanism
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- Compact and lightweight coupling for maximum user comfort when handling repetitively
- Provides accuracy and increases work station efficiency - functionally designed to allow a natural grip and easy handling
- Anti-static: conducts electricity to avoid problems related to static electricity (ex. dust attracted to paint/polish or electronic work surfaces)
- Resistant to abrasion, vibrations, corrosion, impacts and crushing: reinforced polymer body is capable of withstanding the harsh conditions frequently found in production environments
- Color coded buttons make the wide selection of international profiles easy to identify: this system reduces the risk of connection errors which may cause damages or accidents
- ATEX classification 1 and 2 (gas) and 21 and 22 (dust)
- Silicone free
- Anti-static construction
- Polymer body
- Nitrile NBR gasket
- Pressure range: 29 to 174 PSI (not suitable for vacuum)
- Temperature: +5°F to +158°F (-15°C to 70°C)
- Other components: steel or aluminum with RoHS compliant anti-corrosion treatment

Applications

- All connections
- Assembly lines (automotive, household appliances, etc.)
- Mechanical manufacturing, machining workshops
- Paper and printing industries
- Automotive repairs
- Textile industries
- Wood and plastics industries
- All work on fragile products

ARO 210 x Male NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
1/4	1/4-18	Steel with Composite Body	1490002	1
	3/8-18	Steel with Composite Body	1637124	1
	1/2-14	Steel with Composite Body	1637125	1

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

ARO 210 x Female NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
1/4	1/4-18	Steel with Composite Body	1490000	1
	3/8-18	Steel with Composite Body	1637122	1
	1/2-14	Steel with Composite Body	1637123	1

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High Flow x Male NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
3/8	1/4-18	Steel with Composite Body	1637128	1
	3/8-18	Steel with Composite Body	1637129	1
	1/2-14	Steel with Composite Body	1637130	1
1/2	3/8-18	Steel with Composite Body	1637138	1
	1/2-14	Steel with Composite Body	1637140	1
	3/4-14	Steel with Composite Body	1637142	1

High Flow x Female NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
3/8	1/4-18	Steel with Composite Body	1637126	1
	3/8-18	Steel with Composite Body	1637127	1
	3/8-18	Steel with Composite Body	1637132	1
1/2	1/2-14	Steel with Composite Body	1637134	1
	3/4-14	Steel with Composite Body	1637136	1



SAFETY PUSH-BUTTON AIR COUPLERS



prevoS1 Stainless Steel Safety Push-Button Couplers



The prevoS1 coupling meets the top level of quality standards required in the professional industry. Prevost prevoS1 couplers are synonymous with top of the line quality, extended service life, advanced technology, safety and efficiency. The prevoS1 couplings are unrivalled in the market with quality, patent and protected technology.

- Stainless steel body material: tough, high resistance couplings suited to the most challenging conditions for which this type of product may be required, including violent impacts, crushing, dirty or damp environments, etc.
- One push control to decompress the system and disconnect in complete safety: eliminates hose whip to protect the user, surrounding tools and equipment (ISO 4414 standard)
- Quick and effortless coupling: easy to connect, with no risk of damaging the internal mechanism
- Swivel body creates a quick assembly and optimal positioning: cost savings from increased productivity and decreased labor requirements
- Anti-static: conducts electricity to avoid problems related to static electricity (ex. dust attracted to paint/polish or electronic work surfaces)
- Resistant to abrasion, vibrations, corrosion, impacts and crushing: reinforced Polymer body is capable of withstanding the harsh conditions frequently found in production environments
- Color coded buttons make the wide selection of international profiles easy to identify: this system reduces the risk of connection errors which may cause damages or accidents
- ATEX classification 1 and 2 (gas) and 21 and 22 (dust)
- Silicone free
- Anti-static construction
- Stainless steel body (17% chromium)
- Nitrile NBR gasket
- Pressure range: 29 to 232 PSI (not suitable for vacuum)
- Temperature: +5°F to +158°F (-15°C to 70°C)
- Other components: steel or aluminum with RoHS compliant anti-corrosion treatment

Applications

- All connections
- Tough locations
- Harsh environments
- Maintenance of industrial vehicles
- Heavy industry and manufacturing
- Agriculture
- Public works
- Mines and quarries

Standard/ Industrial x Male NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
1/2	3/8-18	Stainless Steel	1637154	1
	1/2-14	Stainless Steel	1637156	1
	3/4-14	Stainless Steel	1637158	1

WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov.

Standard/ Industrial x Female NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
1/2	3/8-18	Stainless Steel	1637148	1
	1/2-14	Stainless Steel	1637150	1
	3/4-14	Stainless Steel	1637152	1

WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov.

Tru-Flate x Male NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
1/2	3/8-18	Stainless Steel	1637205	1
	1/2-14	Stainless Steel	1637207	1
	3/4-14	Stainless Steel	1637209	1

WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov.

Tru-Flate x Female NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
1/2	3/8-18	Stainless Steel	1637199	1
	1/2-14	Stainless Steel	1637201	1
	3/4-14	Stainless Steel	1637203	1

WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov.

High Flow x Male NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
1/2	3/8-18	Stainless Steel	1637137	1
	1/2-14	Stainless Steel	1637139	1
	3/4-14	Stainless Steel	1637141	1

WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov.

High Flow x Female NPT



Body Size (Inches)	Thread Size (Inches)	Material	Item No.	Pkg. Qty.
1/2	3/8-18	Stainless Steel	1637131	1
	1/2-14	Stainless Steel	1637133	1
	3/4-14	Stainless Steel	1637135	1

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AIR HOSE



FLEXAIR Hose Assembly



FLEXAIR hybrid polymer hose assemblies combine the best characteristics of PVC and rubber. Ultra-flexible and tough, they provide an optimized flow rate for pneumatic tools. The protective rubber guard around the ferrules eliminates scratches and reduces the strain on the hose.

- Ultra flexible
- Lightweight and easy to handle
- Non-scratch material
- Kink resistant
- Abrasion resistant
- Temperature range: -40°F to +140°F (-40°C to +60°C)
- Rated at 300 PSI working pressure
- Reinforcement: One fiber braid
- Cover: Hybrid polymer (blue)
- Inner tube: Hybrid polymer



I.D. (Inches)	Working Pressure (PSI)	Length (Ft.)	End Fittings	Item No.	Pkg. Qty.
1/4	300	25	1/4" MNPT	1637168	1
	300	50	1/4" MNPT	1637169	1
	300	100	1/4" MNPT	1637167	1
3/8	300	25	1/4" MNPT	1585089	1
	300	35	1/4" MNPT	1585090	1
	300	50	1/4" MNPT	1585091	1
1/2	300	100	1/4" MNPT	1637170	1
	300	50	3/8" MNPT	1637166	1



FLEXAIR Hose Assembly with Safety Push-Button Coupler



FLEXAIR hybrid polymer hose assemblies combine the best characteristics of PVC and rubber. Ultra-flexible and tough, they provide an optimized flow rate for pneumatic tools. The composite body coupling and protective rubber guard around the ferrules eliminates scratches and strain on the hose.

- Ultra flexible
- Lightweight and easy to handle
- Non-scratch material
- Kink resistant
- Abrasion resistant
- Arrives fully assembled and equipped with prevos1 safety coupler
- 174 PSI
- Temperature: +5F to +140°F (-15°C to +60°C)
- PVC polymer blend

Standard/Industrial Interchange

I.D. (Inches)	Working Pressure (PSI)	Length (Ft.)	End Fittings	Item No.	Pkg. Qty.
1/4	174	25	1/4" coupler and plug	1637181	1
	174	50	1/4" coupler and plug	1637182	1
	174	100	1/4" coupler and plug	1637180	1
3/8	174	25	1/4" coupler and plug	1637184	1
	174	50	1/4" coupler and plug	1585088	1
	174	100	1/4" coupler and plug	1637183	1
1/2	174	50	3/8" coupler and plug	1637179	1
	174	50	1/2" coupler and plug	1637185	1



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Tru-Flate Interchange

I.D. (Inches)	Working Pressure (PSI)	Length (Ft.)	End Fittings	Item No.	Pkg. Qty.
1/4	174	25	1/4" coupler and plug	1637188	1
	174	50	1/4" coupler and plug	1637189	1
	174	100	1/4" coupler and plug	1637187	1
3/8	174	25	1/4" coupler and plug	1637191	1
	174	50	1/4" coupler and plug	1585092	1
	174	100	1/4" coupler and plug	1637190	1
1/2	174	50	3/8" coupler and plug	1637186	1
	174	50	1/2" coupler and plug	1637192	1



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FLEXAIR Hose Assembly with Safety Push-Button Coupler



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- Ultra flexible
- Lightweight and easy to handle
- Non-scratch material
- Kink resistant
- Abrasion resistant
- Arrives fully assembled and equipped with prevos1 safety coupler
- 174 PSI
- Temperature: +5F to +140°F (-15°C to +60°C)
- PVC polymer blend

ARO 210 Interchange

I.D. (Inches)	Working Pressure (PSI)	Length (Ft.)	End Fittings	Item No.	Pkg. Qty.
1/4	174	25	1/4" coupler and plug	1637161	1
	174	50	1/4" coupler and plug	1637162	1
	174	100	1/4" coupler and plug	1637160	1
3/8	174	25	1/4" Coupler and plug	1637164	1
	174	50	1/4" Coupler and plug	1637165	1
	174	100	1/4" coupler and plug	1637163	1

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High Flow Interchange

I.D. (Inches)	Working Pressure (PSI)	Length (Ft.)	End Fittings	Item No.	Pkg. Qty.
1/4	174	25	1/4" coupler and plug	1637173	1
	174	50	1/4" coupler and plug	1637174	1
	174	100	1/4" coupler and plug	1637172	1
3/8	174	25	1/4" coupler and plug	1637176	1
	174	50	1/4" coupler and plug	1637177	1
	174	100	1/4" coupler and plug	1637175	1
1/2	174	50	3/8" coupler and plug	1637171	1
	174	50	1/2" coupler and plug	1637178	1

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