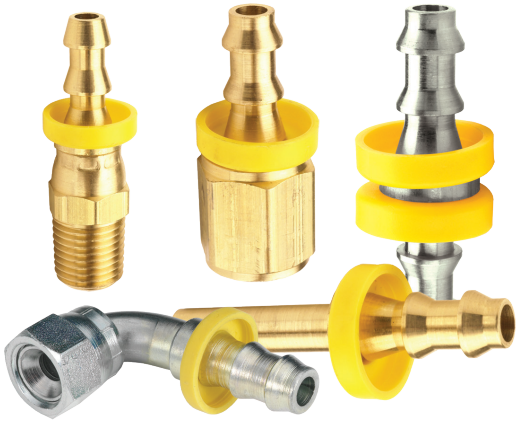
Data Sheet

Push-Lock Hose Fittings

The Right Connection®



Lok-On (Push-on Style) Hose Fittings

270-AT	Assembly tool
271[1]	Male pipe swivel
272	Male pipe
272-SS	Male pipe – stainless steel
273	90° elbow, male pipe
274	Female pipe
278	Female swivel – ball seat
280	Female swivel – gasket seat
282	Male 45° SAE
284	Female swivel 45° SAE
286	Male 37° JIC
287	Female swivel 45° SAE / 37° JIC dual angle seat
287-SS	Female swivel 45° SAE / 37° JIC dual angle seat – stainless steel
288	Female swivel 37° JIC
288-SS	Female swivel 37° JIC – stainless steel
289	Female swivel 90° elbow
290	Male swivel SAE inverted flare
292	Female SAE inverted flare
294	Rigid tube shank
294-SS	Rigid tube shank – stainless steel
296	Hose splicer
296-SS	Hose splicer – stainless steel
572[1,2]	Lok-on male garden hose
574[1,2]	Lok-on female garden hose
575[1,2]	Lok-on female garden hose set

Applications

- Pneumatic service, most fluids, low pressure hydraulics and non-potable water service
- Parts ending in 'LF' are lead-free and suitable for potable water

Sizes

- Full size range from 1/4" hose through 3/4" hose with some popular 1" products available
- Special sizes, configurations and thread specifications are available on request

Features

- Compatible Hoses:
  - Eaton Aeroquip: 2556, 2565, 2575, FC647, and FS332
  - Eaton Weatherhead: H100, H101, and H201
  - Gates: LOL, Python
  - Goodyear: Autogrip, Insta-Grip, and Ultra-Grip
  - Parker Hannifin: 801, 804, 821, 831, 836, and B7
- 283 available products
- Stainless steel - substantial (>40%) vs. competitors
- Brass cap option - substantial vs. competitors

Materials

- Brass – alloy 360 for straight fittings
- Brass – alloy 377 for forged elbows
- Brass – alloy CA2475 or C46400 for Lead-free brass (parts ending in LF)
- 303 stainless steel
- 12L14 plated steel
- Cap – standard yellow plastic, optional brass cap
- Plating – optional electroless nickel

Specifications

- Maximum working pressure – **350 PSI**
  - 271-series – **80 PSI** operational performance
  - 572, 574, and 575-series – **150 PSI**
- Operating temperature: **-40°F** to **150°F (-40°C** to **65°C)**
- Maximum temperature for 572, 574, and 575-series: **34°F** to **150°F (1°C** to **65°C)**
- Vacuum: not rated
- Do not use worm gear hose clamps or crimped ferrules

Approval

- SAE J476, J512, J514, and J516

[1] 271-series at **80 PSI** operational performance; 572, 574, and 575-series at **150 PSI**
[2] 572, 574, and 575-series maximum temperature **34°F** to **150°F (1°C** to **65°C)**

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