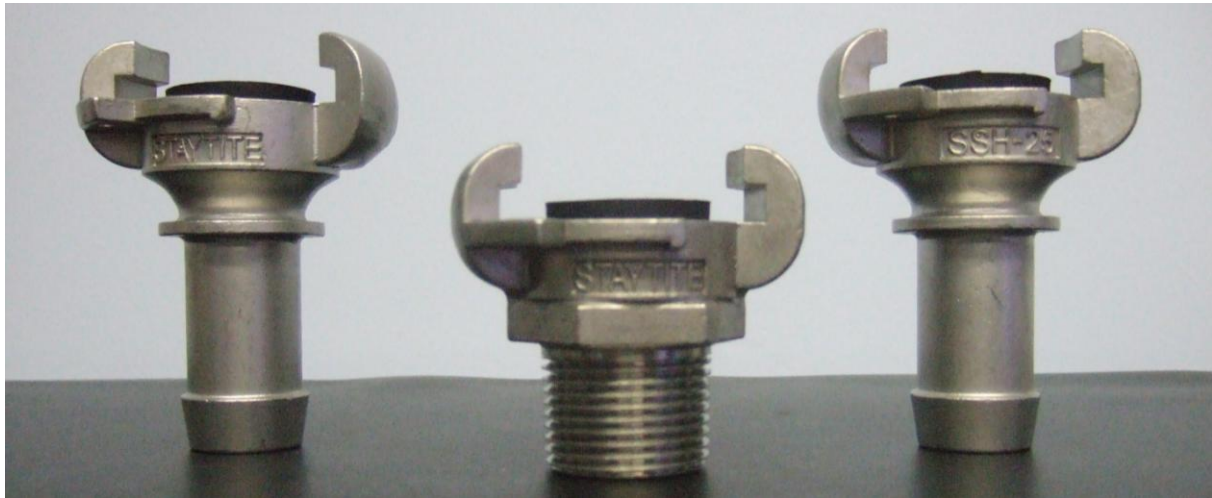




Quick-Connect Industrial Air Hose Couplings



Material: Coupling body is manufactured of Spheroidal Graphite Iron which has undergone ferritization heat treatment. Couplings are also available in Grade 316 Stainless Steel Material; and in Steel material. Nitrile Rubber Seals are oil resistant. All iron couplings zinc plated silver.

Pressure Ratings: "NATA" Laboratory tested in accordance with AS1180-5D. Couplings with standard Nitrile rubber solid Seal 11,000 kpa [1600psi]. Couplings with standard Nitrile rubber Bellow seal 1190psi.

Pressures Ratings exceed AS2554, Hose & Hose Assemblies for air: Max WP 1.6mpa [232psi], Min BP 6.4mpa [928psi]; and AS2660, Hose & assemblies air/water for underground Mines: Max WP 1.75mpa [254psi], Min BP 7mpa [1015psi].

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SIZE	Male	Hose	Female	Seal	Male	Hose	Female	Seal
Hose nd.	Thread	End	Thread		Thread	End	Thread	
½ [12mm]	AM 12	AH 12	AF 12	AX-1	SM 12	SH 12	SF 12	SX-1
¾ [20mm]	AM 20	AH 20	AF 20	AX-1	SM 20	SH 20	SF 20	SX-1
1 [25mm]	AM 25	AH 25	AF 25	AX-1	SM 25	SH 25	SF 25	SX-1
1 ½ [40mm]					SM 40	SH 40	SF 40	SX-2
2 [50mm]					SM 50	SH 50	SF 50	SX-2
3 [80mm]						SH 80		SX-3
ATW 25 three-way connector					STW 25 three-way connector			
<i>Safety Locking Pins SP1280AS .</i>								

Manufacturing Standards: Couplings are manufactured in accordance with the following Standards

- AS 1831 Iron Castings – Spheroidal or Nodular Graphite Cast Iron
- ASTM A 395. Ferritic Ductile Iron pressure retaining castings for use at elevated temperatures. This Standard specifies chemical, physical and hardness required.
- ASTM A 536. Standard specifies tensile requirements
- ISO 1083-1976. Intn'l Organisation for Standardisation Spheroidal /Nodular Graphite cast iron.
- BS 2789-1985. Specification for SG Iron mechanical properties.
- DIN 1693 -1973. Grade & Structure for Iron with nodular graphite.
- US Military 11466A [ordnance] for instructions on heat treatment.

Manufactured under strict Quality Assurance Standards in ISO Accredited Foundry.

Note: These couplings are not to be used in steam applications.

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