



INDUSTRIAL

INDUSTRIAL HOSE

Name an industry sector that might need a hose. We'll have been there, delivering every kind of hose, backed by outstanding expertise, knowledge and support.

Abdex has manufactured a wide range of industrial hose assemblies for over 40 years. We work closely with leading manufacturers from around the world, such as Parker Hannifin, Contitech, Eaton, and others. That means we're able to offer a solution for almost any application.

ADVANTAGES

Industrial hoses need to be tough, reliable and readily available. That's why Abdex holds large stock, has crimping capabilities to 10" nominal bore and container testing to offer many rapid solutions. Working with the best manufacturing partners and organisations like NAHAD, further enhances our capabilities.

APPLICATIONS & CAPABILITIES

Abdex industrial hoses cover a wide range of applications, including air / water, automotive, petrochemical, offshore industries, material handling, vacuum, food and drink, mining, agriculture, shipbuilding. We crimp hose up to 8 inch and we offer an extensive range of end fittings, such as camlocks, Minsup couplings, bauer couplings, hammer unions, API, NPT, flanges and many more. Whatever you need, we've got it, in stock. We test and certify every hose assembly to international standards. All backed by a comprehensive dedicated hose management programme.



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SAE J1402 AIR BRAKE AUTOMOTIVE



Product specifications

#								
	inch	inch	bar	psi	bar	psi	mm	kg/m
ABD520	3/8	0.75	10	145	62	900	50.0	0.30
ABD522	1/2	0.88	10	145	62	900	50.0	0.35

APPLICATIONS

Designed for compressed air brake systems found on heavy-duty trucks and equipment.

FEATURES

- DOT approved hose
- Achieved one million cycle test in house
- Extremely flexible

CONSTRUCTION

Core tube: Black EPDM.
Pressure reinforcement: Spiral synthetic.
Cover: Black EPDM.

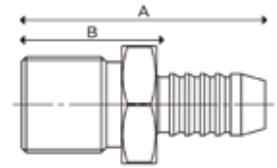
TEMPERATURE RANGE

-40°C to +93°C.

FITTINGS

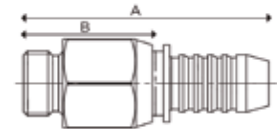
Male / female metric fixed

#			A	B
	inch		mm	mm
ABD966	1/2	M22 Male / M16 Female	56.0	31.0



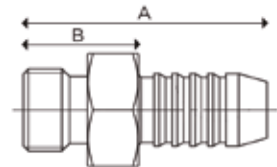
Male metric swivel

#			A	B
	inch		mm	mm
ABD944A	1/2	M16 x 1.5	61.0	36.0



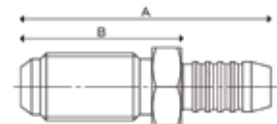
Male metric fixed

#			A	B
	inch		mm	mm
ABD03	1/2	M16 x 1.5	47.5	12.5



SAE Bulkhead male

#			A	B
	inch		mm	mm
ABD94	1/2	3/4 JIC	70.3	45.3






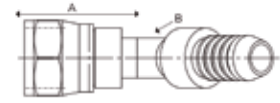
Please Note: We reserve the right to make technical changes without notice.






SAE J1402 AIR BRAKE AUTOMOTIVE

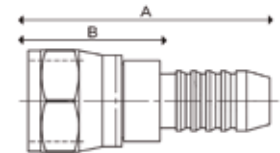
Female JIC swivel swept 45

#			A	
	inch		mm	mm
ABD997	1/2	3/4 JIC	36.0	25.0



Female JIC swivel

#			A	B	
	inch		mm	mm	mm
ABD1010	1/2	3/4 JIC	50.0	25.0	24.0



Full range of crimp ferrules, 3/8" and 1/2" available from stock.
Please contact our sales team for further information.



Please Note: We reserve the right to make technical changes without notice.

AS / NZS 1869 LPG GAS HOSE



Product specifications

#							
	inch	mm	mm	bar	psi	kg/m	mm
7132-19352	3/16	4.8	13.0	24.1	350	0.05	50.8
7132-25354	1/4	6.4	15.5	24.1	350	0.07	63.5
7132-38354	3/8	9.5	19.1	24.1	350	0.10	88.9
7132-50354	1/2	12.7	23.8	24.1	350	0.15	114.3
7132-75354	3/4	19.1	31.8	24.1	350	0.23	165.1
7132-100354	1	25.4	38.1	24.1	350	0.29	190.5

APPLICATIONS

Series 7132 is a flexible, lightweight liquefied petroleum gas (LPG) / propane delivery and transfer hose. The hose meets all Underwriters Laboratories (UL21) and Canadian Gas Association (CGA Type I) requirements. The construction incorporates multiple textile plies of reinforcement for flexibility and kink resistance. The perforated cover is resistant to mild chemicals, oil and ozone. Series 7132 is available in long lengths on reels, long cut lengths and factory-tested assemblies from stock in popular configurations.

FEATURES

- Extremely flexible
- Kink resistant
- AS1869 approved

CONSTRUCTION

Core tube: Black nitrile.
Pressure reinforcement: Multiple textile plies.
Cover: Black chloroprene; perforated smooth finish.





TEMPERATURE RANGE

-40°C to +82°C (The hose construction is capable of this rating, but LP Gas should NEVER be conveyed over 60°C/140°F).



Please Note: We reserve the right to make technical changes without notice.

Product specifications

#							Length
	inch	mm	mm	bar	psi	kg/m	m
20026239	1/4	6.4	15.5	34.5	500	0.25	152.4
20026255	5/16	7.9	17.5	34.5	500	0.30	152.4
20026256	3/8	9.5	18.6	34.5	500	0.33	152.4
20026273	1/2	12.7	22.6	34.5	500	0.42	15.2
20026289	5/8	15.9	26.9	34.5	500	0.52	152.4
20026290	3/4	19.1	30.2	34.5	500	0.61	152.4
20026304	1	25.4	37.8	34.5	500	0.86	137.2
20026306	1 1/4	31.8	45.6	34.5	500	1.18	30.5
20026309	1 1/2	38.1	51.8	34.5	500	1.27	91.0
20023183	2	50.8	66.6	34.5	500	1.82	30.5

APPLICATIONS

A premium-quality, multipurpose industrial hose with a wide range of applications in factories, construction, agriculture, quarries, mines, railroads, the oil and gas industry, and shipbuilding. All sizes are rated at 500 psi (3.4 MPa) maximum working pressure. Non-conductive, minimum electrical resistance greater than one megaohm per inch of hose length at 1000 Volts DC.

FEATURES

- Premium quality
- Non-conductive
- Safety yellow cover

CONSTRUCTION

Core tube: Nitrile synthetic rubber, RMA Class A (high oil resistance).
Pressure reinforcement: Spiral flexten yarn, 2" is braided synthetic yarn.
Cover: Yellow Carbryn™ synthetic rubber, RMA Class A (high oil resistance) MSHA approved.

TEMPERATURE RANGE

-29°C to 88°C.





For asset management please refer to the accessories section on page 245.

ORTAC®

AIR & MULTIPURPOSE



Product specifications

#							Length
	inch	mm	mm	bar	psi	kg/m	m
20026560	3/16	5.0	11.8	20.7	300	0.10	152.4
20026527	1/4	6.0	13.5	20.7	300	0.13	152.4
20026529	5/16	8.0	17.5	20.7	300	0.21	152.4
20026531	3/8	10.0	17.5	20.7	300	0.22	152.4
20026534	1/2	12.0	21.3	20.7	300	0.30	152.4
20026570	5/8	16.0	26.9	20.7	300	0.52	152.4
20026540	3/4	19.0	29.0	20.7	300	0.51	152.4
20026575	1	25.0	38.1	20.7	300	0.88	137.2
20026579	1 1/4	32.0	45.2	17.2	250	1.04	122.0
20023267	1 1/2	38.0	52.8	17.2	250	1.43	91.4
20024996	2	50.0	63.5	13.8	200	1.80	30.5

APPLICATIONS

Ortac® (oil resistant tube and cover) is our most popular premium-quality multipurpose hose. Used in the most abusive industrial applications, Ortac will handle air, oil, water, kerosene and some chemicals. Non-conductive, minimum electrical resistance greater than one (1) megohm per inch of hose length; at 1000 Volts DC. Available in 250, 300 and 400 PSI working pressures.

Note: Ortac® 400 Yellow is USMSHA approved.

FEATURES

- Premium quality
- Non-conductive

CONSTRUCTION

Core tube: Nitrile synthetic rubber, RMA Class A (high oil resistance).
Pressure reinforcement: Spiral synthetic yarn, 2" is braided.
Cover: Red or Yellow Carbryn™ synthetic rubber, RMA Class A (high oil resistance).

TEMPERATURE RANGE

-29°C to 88°C.



Please Note: We reserve the right to make technical changes without notice.



V107HD

AIR & MULTIPURPOSE

Product specifications

#							Length
	inch	mm		mm	bar		
20768673	1/2	12.0	23.0	21	300	0.33	20.0
20768674	3/4	19.0	31.0	21	300	0.60	20.0
20768675	1	25.0	38.0	21	300	0.81	20.0
20768676	1 1/4	32.0	44.0	21	300	0.92	20.0
20768677	1 1/2	38.0	51.0	21	300	1.19	20.0
20768678	2	50.0	65.0	21	300	1.38	20.0
20768679	2 1/2	63.0	76.0	21	300	1.73	20.0
20768680	3	75.0	90.0	21	300	2.34	20.0

APPLICATIONS

A versatile heavy duty air/water hose for use in mining, construction, quarries and various industrial applications.

FEATURES

- Premium quality
- Heavy duty
- Weather and ozone resistant

CONSTRUCTION

Core tube: NR / SBR blended.
Pressure reinforcement: 2 Spiral plies of synthetic fabric.
Cover: Black SBR/EPDM blended.

TEMPERATURE RANGE

-32°C to 88°C.









Please Note: We reserve the right to make technical changes without notice.

ABSWAH-40

AIR & MULTIPURPOSE



Product specifications

#									
	inch	mm	mm	bar	psi	bar	psi	kg/m	mm
AH600-0050	1/2	13.0	24.0	40	600	160	2400	0.51	130.0
AH600-0075	3/4	19.0	31.0	40	600	160	2400	0.74	133.0
AH600-0100	1	25.0	38.0	40	600	160	2400	0.91	175.0
AH600-0125	1 1/4	32.0	45.0	40	600	160	2400	1.51	224.0
AH600-0150	1 1/2	38.0	56.0	40	600	160	2400	1.93	266.0
AH600-0200	2	51.0	69.0	40	600	160	2400	2.40	357.0
AH600-0250	2 1/2	63.5	81.0	40	600	160	2400	2.90	441.0
AH600-0300	3	76.0	95.0	40	600	160	2400	4.68	532.0
AH600-0400	4	102.0	120.0	40	600	160	2400	7.34	714.0

APPLICATIONS

Designed for the most severe working conditions in mining, quarries, industrial and construction service, this mandrel built hose has a high margin safety and gives a long and trouble-free service under the most arduous working conditions.

FEATURES

- High pressure
- Weather and ozone resistant

CONSTRUCTION

Core tube: Synthetic NBR rubber, resistant to oil-mist mixed air and inert fluids.
Pressure reinforcement: High tensile steel wire.
Cover: Abrasion, ozone and weather resistant pin pricked synthetic rubber.

TEMPERATURE RANGE

-40°C to 100°C.







Please Note: We reserve the right to make technical changes without notice.



V214 WATER SUCTION & DISCHARGE

Product specifications

#							Length
	inch	mm	mm	bar	psi	kg/m	m
20572365	1	25.0	36.0	10.3	150	0.85	30.0
20574529	1	25.0	36.0	10.3	150	0.85	60.0
20572366	1 1/4	32.0	43.0	10.3	150	1.11	30.0
20574531	1 1/4	32.0	43.0	10.3	150	1.11	60.0
20572367	1 1/2	38.0	49.0	10.3	150	1.55	30.0
20574532	1 1/2	38.0	49.0	10.3	150	1.55	60.0
20572368	2	50.0	63.0	10.3	150	2.08	30.0
20574533	2	50.0	63.0	10.3	150	2.08	60.0
20572369	2 1/2	63.0	77.0	10.3	150	2.66	30.0
20574534	2 1/2	63.0	77.0	10.3	150	2.66	60.0
20572370	3	75.0	89.0	10.3	150	2.14	30.0
20574535	3	75.0	89.0	10.3	150	2.19	60.0
20572361	4	100.0	110.0	10.3	150	5.23	30.0
20572362	5	125.0	146.0	10.3	150	6.15	30.0
20572363	6	150.0	170.0	10.3	150	8.97	30.0

APPLICATIONS

General purpose suction and discharge hose for use in medium to heavy duty operations.

FEATURES

- Premium quality
- Weather and ozone resistant

CONSTRUCTION

Core tube: NR / SBR blended.
Pressure reinforcement: Synthetic fabric plies with wire helix.
Cover: Black SBR / EPDM blended; wrapped finish.





TEMPERATURE RANGE

-20°C to 70°C.

FLEXSTEEL PETROL PETROLEUM TRANSFER



Product specifications

#							Length
	inch	mm	mm	bar	psi	kg/m	m
20022226	5/8	16.0	25.4	2.5	36	0.51	145-190
20022229	3/4	19.0	20.2	2.5	36	0.67	145-190
20022230	1	25.0	38.1	2.5	36	0.91	100-160

APPLICATIONS

Flexsteel Petrol Pump hose is a hose which offers excellent kink resistance in petrol dispensing applications. Meeting the performance criteria of AS2683-1989 Type 4, Grade 2, Kind 1 and 2. Its wire-braid reinforcing, coupled with Contitech specially developed compounds (intrinsically conducting), make this the safest and most durable hose available for this application.

FEATURES

- Excellent Kink resistance
- Hardwall for long service life
- Smooth cover prevents marking
- Meets AS2683 Standard

CONSTRUCTION

Core tube: Black Chemigum® (Nitrile).
Pressure reinforcement: Single braided high tensile wire.
Cover: Black Chemivic® (Nitrile blend).
Branding: Contitech 5/8" Flexsteel Petrol Pump – AS2683-1989 Type 4, Grade 2, Kind 1 and 2, 250 Kpa W.P.

TEMPERATURE RANGE

-29°C to 82°C.







Please Note: We reserve the right to make technical changes without notice.



V404 PETROLEUM TRANSFER

Product specifications

#							Length
	inch	mm	mm	bar	psi	kg/m	m
20572398	3/4	19.0	29.0	10.3	150	0.59	30.0
20572399	1	25.0	36.0	10.3	150	0.83	30.0
20574515	1	25.0	36.0	10.3	150	0.83	60.0
20572400	1 1/4	32.0	43.0	10.3	150	1.07	30.0
20574516	1 1/4	32.0	43.0	10.3	150	1.07	60.0
20572401	1 1/2	38.0	49.0	10.3	150	1.21	30.0
20574517	1 1/2	38.0	49.0	10.3	150	1.21	60.0
20572402	2	50.0	63.0	10.3	150	1.76	30.0
20574518	2	50.0	63.0	10.3	150	1.76	60.0
20572403	2 1/2	63.0	77.0	10.3	150	1.59	30.0
20574520	2 1/2	63.0	77.0	10.3	150	1.59	60.0
20572404	3	75.0	89.0	10.3	150	2.83	30.0
20574521	3	75.0	89.0	10.3	150	2.83	60.0
20572397	4	100.0	118.0	10.3	150	4.67	30.0

APPLICATIONS

General purpose hose used to transfer gasoline, oil and other petroleum based products. Hose is designed for pressure, gravity flow or suction service.

FEATURES

- Premium quality
- Weather and ozone resistant

CONSTRUCTION

Core tube: NBR (Oil resistant).
Pressure reinforcement: Synthetic fabric plies (2) with wire helix.
Cover: Black NBR (Oil resistant); wrapped finish.
Branding: Veyance V404 oil suction and delivery WP150psi

TEMPERATURE RANGE

-20°C to 70°C.



Please Note: We reserve the right to make technical changes without notice.

PLICORD® EXTREMEFLEX™ PETROLEUM TRANSFER



PLICORD® EXTREMEFLEX™ - PETROLEUM TRANSFER

Product specifications

#	Ø		Ø	P		R		Vacuum HG		Kg	Length
	inch	mm		bar	psi	mm	inch	mm	inch		
20459042	3/4	19.0	30.5	17.2	250	19.0	19.05	737.0	29	0.65	30.48
20459043	1	25.4	36.8	17.2	250	25.0	25.40	737.0	29	0.81	30.48
20472432	1 1/4	32.0	42.5	17.2	250	32.0	1.25	737.0	29	0.88	30.48
20459044	1 1/2	38.0	48.5	17.2	250	37.1	1.5	737.0	29	1.08	30.48
20474865	1 1/2	38.0	48.5	17.2	250	37.1	1.5	737.0	29	1.08	60.96
20635998	1 3/4	44.0	55.8	17.2	250	44.0	1.73	737.0	29	1.28	121.92
20459045	2	50.0	61.8	17.2	250	50.8	2	737.0	29	1.46	30.48
20474866	2	50.0	61.8	17.2	250	50.8	2	737.0	29	1.46	60.96
20459046	2 1/2	63.0	76.1	13.7	200	63.5	2.5	737.0	29	2.10	30.48
20459047	3	75.0	88.8	13.7	200	76.2	3	737.0	29	2.51	30.48
20607374	3 1/2	88.0	103.6	10.3	150	88.0	3.43	737.0	29	3.21	30.48
20459048	4	100.0	115.7	10.3	150	101.6	4	737.0	29	3.61	30.48
20546328	6	150.0	168.1	10.3	150	150.0	6	737.0	29	6.61	30.48

APPLICATIONS

An extremely flexible and lightweight drop hose for use in tank truck and in-plant operation to transfer diesel, ethanol, gasoline, oil and petroleum base products up to 60% aromatic content. Corrugated construction for lower drag coefficient and superior abrasion resistance.

FEATURES

- Extremely flexible
- Lightweight
- Weather and ozone resistant

CONSTRUCTION

Core tube: Black Nitrile synthetic rubber (Class A oil resistance).
Pressure reinforcement: Spiral plied synthetic fabric with wire helix.
Cover: Black Chemivic™ synthetic (corrugated).

TEMPERATURE RANGE

-40°C to 93°C.








Continental ContiTech

Please Note: We reserve the right to make technical changes without notice.



PLICORD® SUPER BLACK FLEXWING® PETROLEUM TRANSFER

#								Vacuum HG		
	inch	mm		mm	bar	psi	mm	inch	mm	
20155914	1 1/4	31.8	47.1	207	300	100.0	4	737.0	29	1.48
20017550	1 1/2	38.1	52.8	207	300	100.0	4	737.0	29	1.71
20017552	2	50.8	65.8	207	300	125.0	5	737.0	29	2.14
20017558	2 1/2	63.5	79.0	207	300	150.0	6	737.0	29	2.74
20017560	3	76.2	92.7	207	300	175.0	7	737.0	29	3.56
20017564	4	101.6	122.7	207	300	254.0	10	737.0	29	5.60
20017568	5	127.0	149.0	207	300	500.0	20	737.0	29	7.60
20338990	6	152.4	183.3	207	300	600.0	24	737.0	29	12.60

APPLICATIONS

A premium high-pressure petroleum transfer hose for handling ethanol blends, gasoline, oils and other petroleum products at higher working pressures.

FEATURES

- Premium quality
- Weather and ozone resistant
- Early warning system for external wear

CONSTRUCTION

Core tube:

Special fuel-resistant black nitrile synthetic rubber RMA Class A (High oil resistance)

Pressure reinforcement:

Spiral-plied synthetic fabric with wire helix

Cover:

Black Chemivic™ smooth cover with wrapped finish. Also available with ARC treatment for improved abrasion resistance. Both hoses standard with built in blue wear ply to illustrate wear condition and potential trigger point for product replacement.

TEMPERATURE RANGE

-37°C to 93°C.








Please Note: We reserve the right to make technical changes without notice.

BLUE FLEXWING® SPECLAR® (XLPE) CHEMICAL TRANSFER



Product specifications

#							Vacuum HG			Length
	inch	mm		mm	bar		psi	mm		
20018506	1	25.0	37.3	13.8	200	203.0	29	737.0	0.82	30.5
20018512	1 1/4	32.0	44.5	13.8	200	229.0	29	737.0	1.04	30.5
20018517	1 1/2	38.0	51.7	13.8	200	254.0	29	737.0	1.41	30.5
20018520	1 1/2	38.0	51.7	13.8	200	254.0	29	737.0	1.41	122.0
20018524	2	50.0	65.5	13.8	200	305.0	29	737.0	1.82	30.5
20018525	2	50.0	65.5	13.8	200	305.0	29	737.0	1.82	61.0
20018527	2	50.0	65.5	13.8	200	305.0	29	737.0	1.82	122.0
20018532	2 1/2	63.0	79.5	13.8	200	381.0	29	737.0	2.46	122.0
20018535	3	75.0	94.0	13.8	200	457.0	29	737.0	3.33	30.5
20018539	4	100.0	120.1	13.8	200	610.0	29	737.0	4.48	30.5

APPLICATIONS

Handles the majority of today's industrial chemicals in pressure, gravity flow or suction service.

FEATURES

- Premium quality
- Extra long lengths available

CONSTRUCTION

Core tube:

Clear Speclar® synthetic rubber cross-linked polyethylene (XLPE).

Pressure reinforcement:

Spiral-plied synthetic fabric with double wire helix.

Cover:

Blue Versigard® synthetic rubber with spiral white stripe (wrapped impression).

TEMPERATURE RANGE

-32°C to 66°C.



Continental ContiTech

Please Note: We reserve the right to make technical changes without notice.



CHEM ONE™ CHEMICAL TRANSFER

Product specifications

#							Vacuum HG			Length
	inch	mm		mm	bar		psi	mm		
20408836	3/4	19.0	30.5	13.8	200	50.8	29	737.0	0.58	30.5
20408837	1	25.0	36.8	13.8	200	76.2	29	737.0	0.73	30.5
20408838	1 1/4	32.0	42.2	13.8	200	76.2	29	737.0	0.78	30.5
20408870	1 1/2	38.0	48.3	13.8	200	101.6	29	737.0	0.93	30.5
20408871	2	50.0	61.8	13.8	200	127.0	29	737.0	1.28	30.5
20408872	2 1/2	63.0	75.6	13.8	200	152.4	29	737.0	1.84	30.5
20408873	3	75.0	88.1	13.8	200	293.2	29	737.0	2.17	30.5
20462713	4	100.0	115.0	13.8	200	279.4	29	737.0	3.06	30.5

APPLICATIONS

For the transfer of a variety of current industrial chemicals used today. (Refer to Contitech® Chemical resistance Guide for compatibility.) For use in pressure, gravity flow and / or suction service.

FEATURES

- Premium quality
- Extremely flexible

CONSTRUCTION

Core tube: Alphasyn® modified cross-linked polyethylene (Mod XLPE).
Pressure reinforcement: Spiral plied synthetic fabric with double wire helix.
Cover: Black corrugated abrasion-resistant Omegasyn™ EPDM with red spiral stripe.
Branding: CHEM ONE™ chemical transfer hose Alphasyn® 200 PSI WP. Contitech®.

TEMPERATURE RANGE






-40°C to 121°C.



Please Note: We reserve the right to make technical changes without notice.



Product specifications

#							Vacuum HG		
	inch	mm		mm	bar		psi	mm	
20013527	1 1/4	31.8	41.4	3.1	45	76.0	737.0	29	0.51
20013528	1 1/2	38.1	48.0	2.8	40	81.0	737.0	29	0.60
20013529	2	50.8	62.7	2.8	40	140.0	737.0	29	1.00
20013531	2 1/2	63.5	77.5	2.4	35	152.0	737.0	29	1.29
20013532	3	76.2	93.7	2.1	30	191.0	737.0	29	1.73
20013535	4	101.6	122.2	2.1	30	279.0	737.0	29	3.21
20013539	5	127.0	146.8	2.1	30	381.0	737.0	29	3.87
20013545	6	152.4	179.8	1.7	25	508.0	737.0	29	5.10
20013549	8	203.2	234.2	1.4	20	762.0	737.0	29	8.69
20013554	10	254.0	284.7	1.4	20	1143.0	737.0	29	11.85

APPLICATIONS

The Artrac® hose is used for a variety of abrasive, material handling applications to transfer sand, gravel, cement, fly ash, glass, metals, plastic pellets, fertilizers, rock salts and slurries.

FEATURES

- Premium quality
- Lightweight

CONSTRUCTION

Core tube: Thermoplastic alloyed blend of polyurethane and PVC (static dissipating / static conductive).

Pressure reinforcement: Rigid high-density PVC helix.

Cover: Thermoplastic alloyed blend of nitrile, polyurethane, and PVC (non-conductive).

TEMPERATURE RANGE

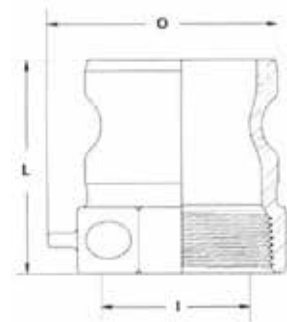
-40°C to 70°C.



INSTA-LOCK™ TYPE A MALE ADAPTOR X FEMALE BSP THREAD

Product specifications

Size inch	Aluminum	Stainless Steel	Distance chain lug extends from body inch	Overall Length (L) inch	Max. width across adaptor (O) inch	Minimum ID (I) inch
1/2	A050AL	A050SS	0.375	1.656	1.500	0.500
3/4	A075AL	A075SS	0.375	1.656	1.688	0.781
1	A100AL	A100SS	0.375	2.163	1.804	0.875
1 1/4	A125AL	A125SS	0.375	2.473	2.237	1.063
1 1/2	A150AL	A150SS	0.375	2.531	2.368	1.375
2	A200AL	A200SS	0.375	2.781	2.909	1.750
2 1/2	A250AL	A250SS	0.375	3.093	3.585	2.187
3	A300AL	A300SS	0.375	3.281	4.009	2.812
4	A400AL	A400SS	0.375	3.528	5.257	3.750
5	A500AL	A500SS	0.375	3.813	6.438	4.688
6	A600AL	A600SS	0.375	3.656	7.688	5.750



Also available in NPT Thread ex USA.

Note: Contitech® Insta-Lock fittings are never to be used in steam or compressed air service.

APPLICATIONS

Type A fitting is commonly threaded onto a pipe, threaded hose end or manifold system, which is connected and disconnected on a regular basis. Insta-Lock™ fittings are designed for liquids and dry bulk. Consult the chemical resistance guide for specific chemical recommendations.

MATERIALS

Aluminum, 316# stainless steel and brass.

PRESSURE RATING

Sizes 1/2"-2", 250 psi; sizes 2 1/2"-4", 150 psi; sizes 5"-6", 75 psi. Recommended working pressure ratings based on ambient temperature 70°F (21°C).

CONSTRUCTION

Branding: Contitech® A200SS.



Please Note: We reserve the right to make technical changes without notice.

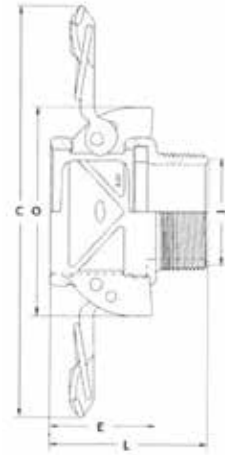
INSTA-LOCK™ TYPE B

FEMALE COUPLER X MALE BSP THREAD



Product specifications

Size	Aluminum	Stainless Steel	Max. width with cam arms closed (O)	Overall Length (L)	Exposed Length (E)	Minimum ID (I)	Max. width with cam arms extended (C)
inch			inch	inch	inch	inch	inch
1/2	B050AL	B050SS	2.469	1.906	1.188	0.469	4.969
3/4	B075AL	B075SS	2.781	2.031	1.313	0.688	5.261
1	B100AL	B100SS	2.920	2.500	1.625	0.875	5.367
1 1/4	B125AL	B125SS	3.510	2.937	2.000	1.063	7.669
1 1/2	B150AL	B150SS	3.830	2.937	2.000	1.375	7.967
2	B200AL	B200SS	4.210	3.218	2.156	1.750	8.340
2 1/2	B250AL	B250SS	4.720	3.718	2.250	2.187	8.837
3	B300AL	B300SS	5.680	4.000	2.468	2.812	10.435
4	B400AL	B400SS	6.780	4.218	2.593	3.750	11.538
5	B500AL	B500SS	7.813	4.406	2.625	4.688	12.571
6	B600AL	B600SS	9.344	4.750	2.844	5.750	16.096



Also available in NPT Thread ex USA.

Note: Contitech® Insta-Lock fittings are never to be used in steam or compressed air service. Contitech® Engineered products Insta-Lock cam arms are designed exclusively for Insta-Lock fittings.

APPLICATIONS

Type B fitting is normally threaded onto a pipe or manifold which joins to a rubber hose assembly that is connected and disconnected regularly. Insta-Lock™ fittings are designed for liquids and dry bulk. Consult the chemical resistance guide for specific chemical recommendations.

MATERIALS

Aluminum, 316# stainless steel and brass.

PRESSURE RATING

Sizes 1/2"-2", 250 psi; sizes 2 1/2"-4", 150 psi; sizes 5"-6", 75 psi. Recommended working pressure ratings based on ambient temperature 70°F (21°C) with Standard Nitrile gaskets.

CONSTRUCTION

Branding: Contitech® B200SS.



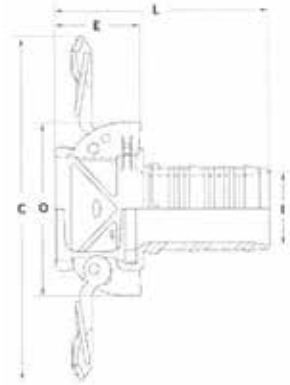
Please Note: We reserve the right to make technical changes without notice.



INSTA-LOCK™ TYPE C FEMALE COUPLER X HOSE SHANK

Product specifications

Size inch	Aluminum	Stainless Steel	Max. width with cam arms closed (O) inch	Overall Length (L) inch	Exposed Length (E) inch	Minimum ID (I) inch	Max. width with cam arms extended (C) inch
1/2	C050AL	C050SS	2.469	3.063	1.188	0.260	4.969
3/4	C075AL	C075SS	2.781	3.656	1.313	0.490	5.261
1	C100AL	C100SS	2.920	4.250	1.975	0.718	5.367
1 1/4	C125AL	C125SS	3.510	4.625	2.350	0.906	7.669
1 1/2	C150AL	C150SS	3.830	4.750	2.370	1.156	7.967
2	C200AL	C200SS	4.210	5.281	2.531	1.625	8.340
2 1/2	C250AL	C250SS	4.720	5.750	2.625	2.093	8.837
3	C300AL	C300SS	5.680	6.840	2.849	2.560	10.435
4	C400AL	C400SS	6.780	7.218	2.994	3.468	11.538
5	C500AL	C500SS	7.813	7.563	2.625	4.469	12.571
6	C600AL	C600SS	9.344	8.969	2.844	5.469	16.096



Note: Contitech® Insta-Lock fittings are never to be used in steam or compressed air service. Contitech® Engineered products Insta-Lock cam arms are designed exclusively for Insta-Lock fittings.

APPLICATIONS

Type C fitting can be attached to a rubber hose with the use of interlocking ferrules, crimp sleeves, or bands. Insta-Lock™ fittings are designed for liquids and dry bulk. Consult the chemical resistance guide for specific chemical recommendations.

MATERIALS

Aluminum, 316# stainless steel and brass.

PRESSURE RATING

Sizes 1/2" - 2", 250 psi; sizes 2 1/2" - 4", 150 psi; sizes 5" - 6", 75 psi. Recommended working pressure ratings based on ambient temperature 70°F (21°C) with Standard Nitrile gaskets.

CONSTRUCTION

Branding: Contitech® C200SS.



Please Note: We reserve the right to make technical changes without notice.

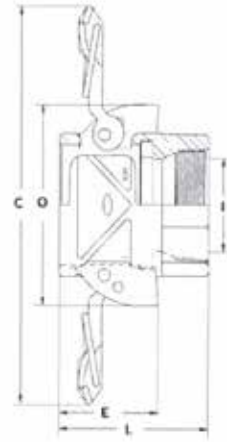
INSTA-LOCK™ TYPE D

FEMALE COUPLER X FEMALE BSP THREAD



Product specifications

Size	Aluminum	Stainless Steel	Max. width with cam arms closed (O)	Overall Length (L)	Exposed Length (E)	Minimum ID (I)	Max. width with cam arms extended (C)
inch			inch	inch	inch	inch	inch
1/2	D050AL	D050SS	2.469	1.813	1.188	0.656	4.969
3/4	D075AL	D075SS	2.781	2.063	1.313	0.813	5.261
1	D100AL	D100SS	2.920	2.375	1.975	1.000	5.367
1 1/4	D125AL	D125SS	3.510	2.687	2.350	1.300	7.669
1 1/2	D150AL	D150SS	3.830	2.843	2.370	1.560	7.967
2	D200AL	D200SS	4.210	3.156	2.531	1.937	8.340
2 1/2	D250AL	D250SS	4.720	3.437	2.625	2.312	8.837
3	D300AL	D300SS	5.680	3.718	2.849	2.937	10.435
4	D400AL	D400SS	6.780	4.030	2.994	3.750	11.538
5	D500AL	D500SS	7.813	4.313	2.563	4.688	12.571
6	D600AL	D600SS	9.344	4.513	2.719	5.750	16.096



Also available in NPT Thread ex USA.

Note: Contitech® Insta-Lock fittings are never to be used in steam or compressed air service. Contitech® Engineered products Insta-Lock cam arms are designed exclusively for Insta-Lock fittings.

APPLICATIONS

Type D fitting is commonly threaded onto a pipe, threaded hose end or manifold system, which is connected and disconnected on a regular basis. Insta-Lock™ fittings are designed for liquids and dry bulk. Consult the chemical resistance guide for specific chemical recommendations.

MATERIALS

Aluminum, 316# stainless steel and brass.

PRESSURE RATING

Sizes 1/2"-2", 250 psi; sizes 2 1/2"-4", 150 psi; sizes 5"-6", 75 psi. Recommended working pressure ratings based on ambient temperature 70°F (21°C) with Standard Nitrile gaskets.

CONSTRUCTION

Branding: Contitech® D200SS.



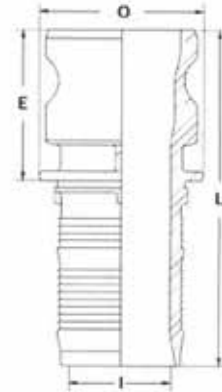
Please Note: We reserve the right to make technical changes without notice.



INSTA-LOCK™ TYPE E MALE ADAPTOR X HOSE SHANK

Product specifications

Size	Aluminum	Stainless Steel	Maximum OD (O)	Overall Length (L)	Exposed Length (E)	Minimum ID (I)
inch			inch	inch	inch	inch
1/2	E050AL	E050SS	1.188	3.500	1.625	0.260
3/4	E075AL	E075SS	1.262	3.969	1.625	0.490
1	E100AL	E100SS	1.625	4.569	1.944	0.718
1 1/4	E125AL	E125SS	2.000	4.812	2.187	0.906
1 1/2	E150AL	E150SS	2.312	5.000	2.250	1.156
2	E200AL	E200SS	2.687	5.625	2.500	1.625
2 1/2	E250AL	E250SS	3.062	6.187	2.687	2.093
3	E300AL	E300SS	3.781	7.125	2.750	2.562
4	E400AL	E400SS	4.875	7.434	2.809	3.468
5	E500AL	E500SS	6.563	7.844	2.906	4.469
6	E600AL	E600SS	7.125	9.188	3.063	5.469



Note: Contitech® Insta-Lock fittings are never to be used in steam or compressed air service.

APPLICATIONS

Type E fitting can be attached to a rubber hose with the use of interlocking ferrules, crimp sleeve and bands. Insta-Lock™ fittings are designed for liquids and dry bulk. Consult the chemical resistance guide for specific chemical recommendations.

MATERIALS

Aluminum, 316# stainless steel and brass.

PRESSURE RATING

Sizes 1/2" - 2", 250 psi; sizes 2 1/2" - 4", 150 psi; sizes 5" - 6", 75 psi. Recommended working pressure ratings based on ambient temperature 70°F (21°C) with Standard Nitrile gaskets.

CONSTRUCTION

Branding: Contitech® E200SS.



Please Note: We reserve the right to make technical changes without notice.

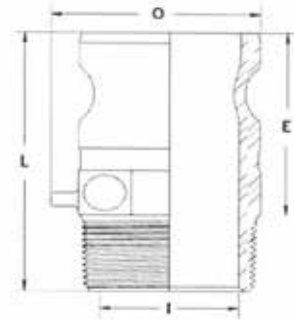
INSTA-LOCK™ TYPE F

MALE ADAPTOR X MALE BSP THREAD



Product specifications

Size inch	Aluminum	Stainless Steel	Max. width across adaptor (O) inch	Overall Length (L) inch	Exposed Length (E) inch	Minimum ID (I) inch	Distance chain lug extends from BOD inch
1/2	F050AL	F050SS	1.150	2.250	1.531	0.469	0.375
3/4	F075AL	F075SS	1.688	2.375	1.656	0.688	0.375
1	F100AL	F100SS	1.750	2.819	2.038	0.875	0.375
1 1/4	F125AL	F125SS	2.130	3.156	2.279	1.187	0.375
1 1/2	F150AL	F150SS	2.300	3.222	2.347	1.437	0.375
2	F200AL	F200SS	2.909	3.593	2.596	1.750	0.375
2 1/2	F250AL	F250SS	3.281	4.218	2.812	2.187	0.375
3	F300AL	F300SS	3.844	4.343	2.875	2.812	0.375
4	F400AL	F400SS	4.994	4.746	3.184	3.734	0.375
5	F500AL	F500SS	6.188	4.906	3.125	4.688	0.375
6	F600AL	F600SS	7.500	5.219	3.313	5.750	0.375



Also available in NPT Thread ex USA.

Note: Contitech® Insta-Lock fittings are never to be used in steam or compressed air service. Contitech® Insta-Lock cam arms are designed exclusively for Insta-Lock fittings.

APPLICATIONS

Type F fitting is normally threaded onto a pipe, or manifold connections and mated with Part C, Part B or Part D. Used in applications that require frequent connections. Insta-Lock™ fittings are designed for liquids and dry bulk. Consult the chemical resistance guide for specific chemical recommendations.

MATERIALS

Aluminum, 316# stainless steel and brass.

PRESSURE RATING

Sizes 1/2"-2", 250 psi; sizes 2 1/2"-4", 150 psi; sizes 5"-6", 75 psi. Recommended working pressure ratings based on ambient temperature 70°F (21°C) with Standard Nitrile gaskets.

CONSTRUCTION

Branding: Contitech® F200SS.



Please Note: We reserve the right to make technical changes without notice.



INSTA-LOCK™ FITTINGS REDUCERS & JUMP SIZES

Product specifications

Continental ContiTech SAP	#	Description	Size	Material
inch	inch	inch	inch	inch
20668616	AA200AL	Spool adaptor (male x male)	2 x 2	Aluminum
20668617	AA300AL	Spool adaptor (male x male)	3 x 3	Aluminum
20668618	AA400AL	Spool adaptor (male x male)	4 x 4	Aluminum
20668774	DA3020AL	Jump size female coupler x male adaptor	3 x 2	Aluminum
20668775	DA3040AL	Jump size female coupler x male adaptor	3 x 4	Aluminum
20668776	DA4030AL	Jump size female coupler x male adaptor	4 x 3	Aluminum
20668777	DA6040AL	Jump size female coupler x male adaptor	6 x 4	Aluminum
20668779	DD300AL	Female coupler x female coupler	3 x 3	Aluminum
20668780	DD400AL	Female coupler x female coupler	4 x 4	Aluminum



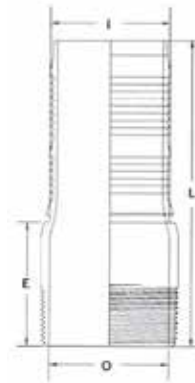
Please Note: We reserve the right to make technical changes without notice.

INSTA-LOCK™ INTERLOCKING STAINLESS MALE NPT & BSP HOSE STEMS



Product specifications

Size inch	NPT	BSP	Maximum OD (O) inch	Overall Length (L) inch	Exposed Length (L) inch	Minimum ID (I) inch
1	GTM100SS	GTM100SSBT	1.315	4.375	1.750	0.830
1 1/4	GTM125SS	GTM125SSBT	1.660	4.500	1.875	1.130
1 1/2	GTM150SS	GTM150SSBT	1.900	4.750	2.000	1.360
2	GTM200SS	GTM200SSBT	2.375	5.250	2.125	1.820
2 1/2	GTM250SS	GTM250SSBT	2.875	6.125	2.625	2.240
3	GTM300SS	GTM300SSBT	3.500	7.000	2.625	2.730
4	GTM400SS	GTM400SSBT	4.500	7.625	3.000	3.710



Note: Contitech® Insta-Lock fittings are never to be used in steam or compressed air service.

APPLICATIONS

Interlocking stainless steel male NPT and BSP hose stem fittings are designed to be attached to a rubber hose with the use of a Continental ContiTech Insta-Lock™ Ferrule. Consult the chemical resistance guide for specific chemical resistance recommendations.

MATERIALS

316# stainless steel.

PRESSURE RATING

Sizes 1" to 2" 250 psi, 2 1/2" to 4" 150 psi. Recommended working pressure ratings based on ambient temperature 70°F (21°C).



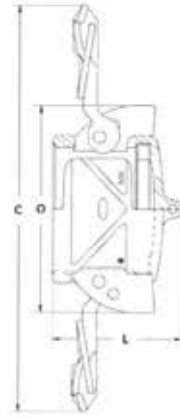
Please Note: We reserve the right to make technical changes without notice.



INSTA-LOCK™ DUST CAP FEMALE CAP FOR MALE INSTA-LOCK

Product specifications

Size inch	Aluminum	Stainless Steel	Max. width with cam arms closed (O) inch	Overall Length (L) inch	OD with cam arms extended (C) inch	Distance chain lug extends from body inch
1/2	DC050AL	DC050SS	2.469	1.625	4.969	0.375
3/4	DC075AL	DC075SS	2.781	1.625	5.261	0.375
1	DC100AL	DC100SS	2.920	2.086	5.367	0.375
1 1/4	DC125AL	DC125SS	3.510	2.360	7.669	0.375
1 1/2	DC150AL	DC150SS	3.830	2.400	7.967	0.375
2	DC200AL	DC200SS	4.210	2.633	8.340	0.375
2 1/2	DC250AL	DC250SS	4.720	2.786	8.837	0.375
3	DC300AL	DC300SS	5.680	2.957	10.435	0.375
4	DC400AL	DC400SS	6.780	3.134	11.538	0.375
5	DC500AL	DC500SS	7.813	3.219	12.571	0.375
6	DC600AL	DC600SS	9.344	3.500	16.096	0.375



Note: Contitech® Insta-Lock fittings are never to be used in steam or compressed air service. Contitech® Insta-Lock cam arms are designed exclusively for Insta-Lock fittings.

Warning: Dust Caps and Dust Plugs are not to be used in pressure applications for safety and environmental reasons.

APPLICATIONS

Dust cap is used to seal the pipe system and hose assemblies during non-use or transfer of assembly.

MATERIALS

Aluminum, 316# stainless steel and brass (standard Nitrile gasket).

CONSTRUCTION

Branding: Contitech® DC200SS.

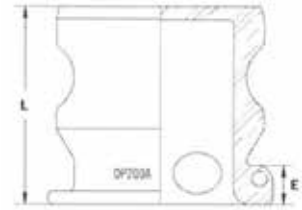
INSTA-LOCK™ DUST PLUG

MALE PLUG FOR FEMALE INSTA-LOCK



Product specifications

Size	Aluminum	Stainless Steel	Overall Length (L)	Exposed Length (E)
inch			inch	inch
1/2	DP050AL	DP050SS	1.531	0.500
3/4	DP075AL	DP075SS	1.563	0.500
1	DP100AL	DP100SS	1.843	0.469
1 1/4	DP125AL	DP125SS	2.125	0.469
1 1/2	DP150AL	DP150SS	2.156	0.469
2	DP200AL	DP200SS	2.375	0.469
2 1/2	DP250AL	DP250SS	2.437	0.469
3	DP300AL	DP300SS	2.500	0.469
4	DP400AL	DP400SS	2.559	0.469
5	DP500AL	DP500SS	2.594	0.469
6	DP600AL	DP600SS	2.781	0.469



Note: Contitech® Insta-Lock fittings are never to be used in steam or compressed air service.

Warning: Dust Caps and Dust Plugs are not to be used in pressure applications for safety and environmental reasons.

APPLICATIONS

Dust plugs are used to seal the pipe system and hose assemblies during non-use or transfer of assembly.

MATERIALS

Aluminum, 316# stainless steel and brass.

CONSTRUCTION

Branding: Contitech® DP200SS.



Please Note: We reserve the right to make technical changes without notice.



INSTA-LOCK™ REPAIR KITS ACCESSORIES

Product specifications

Size	Stainless Steel Handles	Brass Handles
inch	inch	inch
1/2	050SGMP	050BGMP
3/4	100SGMP	100BGMP
1	100SGMP	100BGMP
1 1/4	125SGMP	125BGMP
1 1/2	150SGMP	150BGMP
2	200SGMP	200BGMP
2 1/2	250SGMP	250BGMP
3	300SGMP	300BGMP
4	300SGMP	300BGMP
5	300SGMP	300BGMP
6	600SGMP	600BGMP

APPLICATIONS

316# stainless steel.

MATERIALS

1 handle, 1 finger ring, 1 pin.

PART NUMBER SYSTEM

First 3 digits = Size
 S = Stainless steel
 B = Brass
 G = Contitech® Insta-Lock handle
 M = Music wire ring
 P = Pin



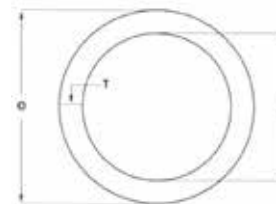
Please Note: We reserve the right to make technical changes without notice.

INSTA-LOCK™ GASKETS ACCESSORIES



Product specifications

Size inch	OD (O)	ID (I)	Thickness (T)	Nitrile inch	Viton inch	Teflon Encapsulated Viton inch	White Neoprene inch	Neoprene inch	Silicone inch
1/2	1.031	0.688	0.156	G050BN	G050VT	G050TE	G050WN	G050NE	G050SL
3/4	1.375	0.875	0.218	G075BN	G075VT	G075TE	G075WN	G075NE	G075SL
1	1.563	1.062	0.250	G100BN	G100VT	G100TE	G100WN	G100NE	G100SL
1 1/4	1.938	1.359	0.250	G125BN	G125VT	G125TE	G125WN	G125NE	G125SL
1 1/2	2.188	1.625	0.250	G150BN	G150VT	G150TE	G150WN	G150NE	G150SL
2	2.625	2.000	0.250	G200BN	G200VT	G200TE	G200WN	G200NE	G200SL
2 1/2	3.125	2.375	0.250	G250BN	G250VT	G250TE	G250WN	G250NE	G250SL
3	3.719	3.000	0.250	G300BN	G300VT	G300TE	G300WN	G300NE	G300SL
4	4.875	4.000	0.250	G400BN	G400VT	G400TE	G400WN	G400NE	G400SL
5	5.906	4.875	0.250	G500BN	G500VT	G500TE	G500WN	G500NE	G500SL
6	7.063	6.000	0.250	G600BN	G600VT	G600TE	G600WN	G600NE	G600SL



Nitrile = BN, Black.

White Neoprene = WN, White.

Viton® = VT, Black with yellow stripe.

Neoprene = NE, Black with red stripe.

Teflon® = TE, White / Black with yellow stripe.

Silicone = SL, Red.

Viton® is a registered trademark of DuPont Dow Elastomers L.L.C.

Teflon® is a registered trademark of E.I. du Pont de Nemours and Company.

MATERIALS

Nitrile, Viton®, Teflon® Encapsulated Viton®, White Neoprene, Neoprene, Silicone.

PART NUMBER SYSTEM

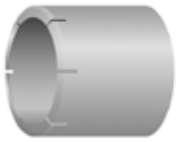
G = Gasket

First 3 digits = Size of Gasket

Letters = Gasket material code



Please Note: We reserve the right to make technical changes without notice.



INSTA-LOCK™ INTERLOCKING FERRULES ACCESSORIES

Stainless steel

1	1 1/4	1 1/2	2	2 1/2	3	4
FRSS100124	FRSS125144	FRSS150156	FRSS200232	FRSS250256	FRSS300332	FRSS400436
FRSS100128	FRSS125148	FRSS150160	FRSS200236	FRSS250260	FRSS300336	FRSS400440
FRSS100132	FRSS125152	FRSS150200	FRSS200240	FRSS250300	FRSS300340	FRSS400444
FRSS100136	FRSS125156	FRSS150204	FRSS200244	FRSS250304	FRSS300344	FRSS400448
FRSS100140		FRSS150208	FRSS200248	FRSS250308	FRSS300348	FRSS400452
		FRSS150212	FRSS200252	FRSS250312	FRSS300352	FRSS400456
		FRSS150216	FRSS200256	FRSS250316	FRSS300356	FRSS400460
		FRSS150220	FRSS200260	FRSS250320	FRSS300360	FRSS400500
				FRSS150224	FRSS300400	FRSS400504
					FRSS300404	

Plated carbon steel

1 1/2	2	3	4
FRCS150208	FRCS200232	FRCS300336	FRCS400444
FRCS150212	FRCS200236	FRCS300340	FRCS400448
FRCS150216	FRCS200240	FRCS300344	FRCS400452
	FRCS200244	FRCS300348	
	FRCS200248		

MATERIALS

304# Stainless steel.
Plated carbon steel.

PART NUMBER SYSTEM

FRSS200244 or FRCS200244.

FR = Ferrule

SS = Stainless steel

CS = Plated carbon steel

First 3 digits = Inside diameter of hose

Fourth digit = Inside diameter of ferrule in inches

Fifth and sixth digits = Inside diameter of ferrule in 64ths of an inch



Please Note: We reserve the right to make technical changes without notice.