

The selection of fittings enhances the value, the areas of application and convenience of Titeflex convoluted hose. With these fittings, most installation needs are easily met.

Convoluted hose fittings feature the exclusive Titeflex progressive swaging method of attachment. When attached correctly, the innercore and insert form a permanent assembly. The positive braid lock assures that strain is absorbed by the braid, not the hose innercore, ensuring hose integrity.

CRIMP ATTACHMENT:

Hose assemblies are fabricated using Titeflex approved swaging equipment and tools.

May also be crimped to Titeflex specifications when using custom designed hose ends.

MATERIALS:

All end connection inserts are available in carbon steel and type 316 stainless steel. Collars for all fitting inserts are either carbon steel or type 304 stainless steel.

AVAILABILITY:

Convoluted hose assemblies are fabricated by Kord Industrial, Inc., an authorized Titeflex distributor. To assure factory-made reliability Kord is equipped with Titeflex-designed and approved field swaging tools.

Please note: Other end configurations and materials can be quoted upon request.

MALE NPT PIPE RIGID



STAINLESS STEEL PART NUMBER	CARBON STEEL PART NUMBER	HOSE SIZE IN.	THREAD	OAL	HEX SIZE IN.	NOMINAL HOLE THRU IN.
Y53308-100	Y53308-101	1/2	1/2 – 14	2.59	7/8	.378
Y53312-100	Y53312-101	3/4	3/4 – 14	2.76	1-1/4	.630
Y53316-100	Y53316-101	1	1 – 11-1/2	2.95	1-3/8	.849
Y53320-100	Y53320-101	1-1/4	1-1/4 – 11-1/2	3.57	1-3/4	1.069
Y53324-100	Y53324-101	1-1/2	1-1/2 – 11-1/2	3.62	2	1.306
Y53332-100	Y53332-101	2	2 – 11-1/2	3.84	2-5/8	1.756

JIC – FEMALE SWIVEL (37° SEAT)



STAINLESS STEEL PART NUMBER	CARBON STEEL PART NUMBER	HOSE SIZE IN.	THREAD	OAL	HEX SIZE IN.	WRENCH HEX SIZE IN.	NOMINAL HOLE THRU IN.
Y53508-100	Y53508-101	1/2	3/4 - 16	2.505	7/8	7/8	.378
Y53512-100	Y53512-101	3/4	1-1/16 – 12	2.825	1-1/4	1-1/8	.630
Y53516-100	Y53516-101	1	1-5/16 – 12	3.063	1-1/2	1-3/8	.849
Y53520-100	Y53520-101	1-1/4	1-5/8 – 12	3.810	1-13/16	1-3/4	1.070
Y53524-100	Y53524-101	1-1/2	1-7/8 -12	3.860	2-1/8	2	1.305
Y53532-100	Y53532-101	2	2-1/2 - 12	4.217	2-7/8	2-5/8	1.755

SANITARY HOSE END



STAINLESS STEEL PART NUMBER	HOSE SIZE IN.	FACE DIAMETER	NOMINAL HOLE THRU IN.
YK51112-3	3/4	1.984	.625
Y51116-3	1	1.984	.847
Y51124-3	1-1/2	1.984	1.310
Y51132-3	2	2.516	1.756

WARNING: These products can be used to convey hazardous fluids, steam, and other dangerous materials which can cause personal injury or property damage if released through misuse, misapplication, or damaged. The user is responsible to analyze each application prior to specifying any product from this catalog. Due to the wide variety of operating conditions and applications, the user, through personal analysis and testing, is solely responsible for final product selection and meeting all performance, safety, and warning requirements. Careful selection, proper assembly and use of hose fittings and accessories is essential for the safe and warranted operation of the hose assembly.

Titeflex's Tefzel® encapsulated flange retaining inserts are now available in 1", 1-1/2" and 2" sizes. These fittings are manufactured using a base insert of nickel plated carbon steel.

The Tefzel® compound is injection molded around this base insert at high pressure. This high pressure injection molding results in a tough zero porosity plastic encapsulation which is highly corrosion resistant. The wall thickness on all wetted surfaces of the flange retaining insert is a minimum of .060".

Depending on media, temperature capability of the encapsulated stub end is 250°F.

MATERIALS:

Flange retaining inserts are available in type 316 stainless steel or with Halar® (special run) coating.

Tefzel® encapsulated flange retaining inserts are available with a base material of nickel plating carbon steel.

Collars for all styles are available in either type 304 stainless steel or plated carbon steel.



FLANGE RETAINING INSERT TEFZEL® ENCAPSULATED

S.S. TEFZEL® ENCAPSULATED PART NUMBER	HOSE SIZE IN.	OAL	NOMINAL HOLE THRU IN.
Y53416-97H	1	3.045	.733
Y53424-97H	1-1/2	3.580	1.220
Y53432-97H	2	3.731	1.673

FLANGE RETAINING INSERT STAINLESS STEEL

STAINLESS STEEL PART NUMBER	HOSE SIZE IN.	OAL	NOMINAL HOLE THRU IN.
Y53412-100	3/4	2.428	.625
Y53416-100	1	2.900	.829
Y53424-100	1-1/2	3.596	1.300
Y53432-100	2	3.729	1.738