




TD-106-2 Rev. 5 Form No.		PRODUCT STANDARD H Y D E R A B A D		PROD.STD NO: GT54208	
				REV NO: 37	
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<p style="text-align: center;"><u>SWAGELOK TUBE FITTINGS</u></p>					
<p>1. SCOPE :</p> <p>THIS SPECIFICATION COVERS TUBE FITTINGS REQUIRED FOR FUEL OIL AND LUBE OIL SYSTEM OF GAS TURBINE . THESE FITTINGS SHALL BE SUPPLIED WITH STOP COLLARS.</p>					
<p>2. TECHNICAL REQUIREMENTS :</p> <p>SWAGELOK FRACTIONAL SERIES TUBE FITTINGS. BULLETIN-C-486-F MATERIAL -STAINLESS STEEL-316. FOR SIZE AND CATALOGUE NO'S - REFER VARIANT TABLE</p>					
<p>3. SUPPLIERS NAME :</p> <p>1. M/s. SWAGELOK 'OR' THEIR AUTHORISED AGENTS.</p>					
<p>4. PACKING :</p> <p>MATERIALS SHALL BE DELIVERED IN CLEAN AND USABLE CONDITION CARE SHALL BE TAKEN TO AVOID INGRESS OF FOREIGN MATERIAL.</p>					
<p>5. MARKING :</p> <p>EACH PACKING SHALL BE MARKED WITH MATERIAL CODE, QUANTITY, P.O.ITEM NO. , SWAGELOK CAT-NO. ETC.....</p>					
Ref. Doc.	Revisions : Refer to record of revisions:		Prepared:  (Y.VRAO)	Approved:  (B.I.BABU)	Date : 16.01.96

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VARIANT TABLE

VAR.NO.	DESCRIPTION	MAT_CODE	CATALOGUE.NO.	GECODE	WT (kg)
1	ADAPTER TUBE TO PIPE MALE - 1/4"X3/8"	GT9754208018	SS-4-TA-1-6	156A1097P009	0.100
2	ADAPTER TUBE TO PIPE MALE - 1/2"X3/8"	GT9754208026	SS-8-TA-1-6	156A1097P020	0.100
3	ADAPTER TUBE TO PIPE FEMALE - 1/4"X3/8"	GT9754208034	SS-4-TA-7-6	235A5025P009	0.100
4	ADAPTER TUBE TO PIPE FEMALE - 3/8"X1/4"	GT9754208042	SS-6-TA-7-4	235A5025P016	0.100
5	ADAPTER TUBE TO PIPE FEMALE - 3/8"X1/2"	GT9754208050	SS-6-TA-7-8	235A5025P018	0.100
6	ADAPTER TUBE TO PIPE FEMALE - 1/2"X1/2"	GT9754208069	SS-8-TA-7-8	235A5025P021	0.100
7	ADAPTER TUBE TO PIPE FEMALE - 3/4"X1/2"	GT9754208077	SS-12-TA-7-8	235A5025P025	0.100
8	CONNECTOR TUBE FEM - 1/4" X 1/2"	GT9754208085	SS-400-7-8-W/SC	156A1085P023	0.100
9	CROSS TUBE UNION - 3/8"X3/8"	GT9754208093	SS-600-4 -W/SC	329A7680P005	0.100
10	CROSS TUBE UNION - 1/2"X1/2"	GT9754208107	SS-810-4 -W/SC	329A7680P006	0.100
11	9/16 - 18 SAE O SEAL PLUG	GT9754208115	SS-9-OR-P-18	211A9197P005	0.100
12	ADAPTER TUBE TO PIPE(M)-1 1/2"NPT X1.312"-12 # DO NOT USE GT9754208123 # USE "GT9754170479" ONLY	GT9754208123	2021-24-16C (AEROQUIP)	286A6376P028	0.100
13	ADAPTER TUBE TO PIPE(M)-1 1/2"NPT X1.625"-12 # DO NOT USE GT9754208131 # USE "GT9754170460" ONLY	GT9754208131	2021-24-20C (AEROQUIP)	286A6376P026	0.100
14	ELBOW TUBE O-RING STR THD -3/4" X 1 1/16"-12	GT9754208140	SS-1210-2-12ST-W/SC	314A5319P006	0.100
15	TEE TUBE UNION-ORIFICE- 1/2"	GT9754208158	SS-810-3PG-141-W/SC	344A9868P002	0.100
16	CONNECTOR TUBE FEMALE- 3/4"x 1/2"	GT9754208166	SS-1210-7-8-W/SC	156A1085P017	0.100
17	CONNECTOR TUBE FEMALE - 1 " X3/4 "	GT9754208174	SS-1610-7-12-W/SC	156A1085P020	0.100
18	CONNECTOR TUBE MALE - 1/2" X 1/8"	GT9754208182	SS-810-1-2-W/SC	156A1075P031	0.100
19	REDUCER TUBE - 1/2" X 3/8"	GT9754208190	SS-810-R-6-W/SC	156A1080P033	0.100
20	CONNECTOR O RING STR THD-3/4"x-0.43775"-20	GT9754208204	SS-600-1-4ST-W/SC	314A5307P003	0.100
21	1 1/16 - 12 SAE O SEAL PLUG	GT9754208212	SS-17-OR-P-12	211A9197P008	0.100
22	CAP TUBE - 1/2"	GT9754208220	SS-810-C-W/SC	156A1090P007	0.100
23	UNION TUBE REDUCING - 1/2" X3/8"	GT9754208239	SS-810-6-6-W/SC	156A1095P009	0.100
24	TEE TFT - 1/2" X 1/2"	GT9754208247	SS-810-3-8-TFT-W/SC	156A1093P001	0.100
25	CROSS UNION - 1/4 "	GT9754208255	SS-400-4-W/SC	329A7680P003	0.100
26	BULK HEAD UNION REDUCING - 1/4 "X 3/8 "	GT9754208263	SS-600-61-4-W/SC		0.100
27	BULK HEAD UNION - 1/4 "	GT9754208271	SS-400-61-0019-W/SC	156A1094P013	0.100

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VARIANT TABLE

VAR.NO.	DESCRIPTION	MAT_CODE	CATALOGUE.NO.	GECODE	WT (kg)
28	PLUG - 1/4"	GT9754208280	SS-400-P	156A1091P004	0.100
29	TEE REDUCER - 3/8" X 1/4"	GT9754208298	SS-600-3-6-4-W/SC		0.100
30	REDUCER TUBE - 3/4" X 5/4"	GT9754208301	SS-1210-R-20-W/SC	156A1080P031	0.100
31	CONNECTOR TUBE MALE - 1 1/4" X 1 1/4" NPT	GT9754208310	SS-2000-1-20-W/SC	156A1075P024	0.100
32	CONNECTOR TUBE MALE PIPE - 1" X 1" BW	GT9754208328	SS-1610-1-16W-W/SC	?	0.100
33	UNION TUBE BULK HEAD - 3/4" X 3/4"	GT9754208336	SS-1210-61-W/SC	156A1094P018	0.100
34	REDUCER TUBE - 3/4" X 1"	GT9754208344	SS-1210-R-16-W/SC	156A1080P029	0.100
35	ADAPTER TUBE - 1/4" X 1/8" NPT	GT9754208352	SS-4-TA-1-2	156A1097P007	0.100
36	5/16 - 24 SAE O SEAL PLUG	GT9754208360	SS-5-OR-P-24	211A9197P001	0.100
37	3/8 - 24 SAE O SEAL PLUG	GT9754208379	SS-6-OR-P-24	211A9197P002	0.100
38	3/4 - 16 SAE O SEAL PLUG	GT9754208387	SS-12-OR-P-16	211A9197P006	0.100
39	MALE PIPE WELD CONNECTOR-1"X1"	GT9754208395	SS-1610-1-16W-W/SC	324A5796P012	0.100
40	FEMALE CONNECTOR STR THD - 1"OD*1 ⁵ / ₁₆ " -12	GT9754208409	SS-1610-7-16-W/SC	355A7283P005	0.100
41	ELBOW - 1" X 3/4"	GT9754208417	SS-1610-8-12-W/SC	156A1086P019	0.100
42	TEE TTF - 1" X3/4 "	GT9754208425	SS-1610-3-12-TTF-W/SC	156A1083P012	0.100
43	CONNECTOR - 3/8" X 3/4" STR THD	GT9754208433	SS-600-1-8ST-W/SC	324A5925P005	0.100
44	TEE REDUCING MALE - 3/4" X1.063" STR THD	GT9754208441	SS-8-SAE-3P-12ST-12ST	356A1661P001	0.100
45	CONNECTOR, TUBE FEMALE STR THD-11/16"-12*1/2(T)	GT9754208450	SS-810-7-12ST-W/SC	355A7283P001	0.100
46	TEE W/SS ORIFICE PLATES ASSEMBLED ON RUN & BRANCH - 1"	GT9754208468	SS-1610-3PF- W/SC	344A9868P007	0.100
47	CONNECTOR, TUBE MALE - 1" X 1/2 "NPT	GT9754208476	SS-1610-1-8-W/SC	156A1075P035	0.100
48	TEE, TTF - 1/2" X 3/8"	GT9754208484	SS-810-3TFT-W/SC	156A1093P008	0.100
49	TEE, TTF - 1" X 3/4"	GT9754208492	SS-1610-3-12TFT-W/SC	156A1093P012	0.100
50	TEE - 1 1/4"	GT9754208506	SS-2000-3-W/SC	156A1084P023	0.100
51	PLUG TUBE - 1 1/4"	GT9754208514	SS-2000-P	156A1091P012	0.100
52	ELBOW TUBE - 1 1/4"	GT9754208522	SS-2000-9-W/SC	156A1078P023	0.100
53	TEE TTF - 1/2" X 3/8"	GT9754208530	SS-810-3TTF-W/SC	156A1083P008	0.100
54	TEE TTF - 3/4" X 3/4"	GT9754208549	SS-1210-3TFT-W/SC	156A1093P010	0.100
55	ADAPTER TUBE - 1/2"(T)X3/4" NPT(M)	GT9754208557	SS-8-TA-1-12	156A1097P032	0.100
56	TEE, TTM - 1/2" X 1/2"	GT9754208565	SS-810-3-8TTM-W/SC	156A1092P014	0.100
57	CONN,MALE - 1/2" X 1" NPT	GT9754208573	SS-810-1-16- W/SC	156A1075P033	0.100
58	MALE PIPE WELD CONNECTOR-3/4"*1"	GT9754208581	SS-1210-1-16W -W/SC	324A5796P015	0.100

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VARIANT TABLE

VAR.NO.	DESCRIPTION	MAT_CODE	CATALOGUE.NO.	GE CODE	WT (kg)
59	REDUCER TUBE- 3/8" X 1/4"	GT9754208590	SS-600-R-4-W/SC	156A1080P036	0.100
60	TEE, TFT- 1/4" X 1/4"	GT9754208603	SS-400-3-4TFT-W/SC	156A1093P005	0.100
61	BULK HEAD UNION- 1/4"	GT9754208611	SS-400-61-0019-W/SC	156A1094P013	0.100
62	CROSS UNION - 3/4"	GT9754208620	SS-1210-4-W/SC	329A7680P008	0.100
63	REDUCER TUBE - 1" X 1 1/4"	GT9754208638	SS-1610-R-20-W/SC	156A1080P037	0.100
64	CONNECTOR -FEM-STR THD - 1/2" X 0.75"-16	GT9754208646	SS-810-7-8ST-W/SC	355A7283P002	0.100
65	MALE PIPE WELD CONNECTOR-1/2"*3/4"	GT9754208654	SS-810-1-12W-W/SC	324A5796P014	0.100
66	CONNECTOR, ORING STR.TH.D.-1 1/4" X 1.625"	GT9754208662	SS-2000-1-0052-AS/SC	156A1964P013	0.100
67	CONNECTOR,THERMOCOUPLE - 1/2"X3/4"	GT9754208670	SS-810-1-12BT-W/SC	287A1399P018	0.100
68	REDUCER - 1/2" X 1/4"	GT9754208689	SS-810-R-4-W/SC	156A1080P039	0.100
69	ADAPTER TUBE TO PIPE (M)-1/2" NPT X 0.562"-18	GT9754208697	2021-8-6C (AEROQUIP)	286A6376P012	0.100
	# DO NOT USE GT9754208697 #	USE "GT9754170495" ONLY			
70	TEE TUBE FEMALE-1" X1"	GT9754208700	SS-1610-3TTF-W/SC	156A1083P013	0.100
71	CONNECTOR, STR-0.625" X 0.875"-14-ORNG	GT9754208719	SS-1010-1-OR-W/SC	156A1964P008	0.100
72	REDUCER -1/2" X 5/8"	GT9754208727	SS-810-R-10-W/SC	156A1080P022	0.100
73	CONNECTOR, TUBE-SOCKET WELD TUBE-1/2"	GT9754208735	SS810-1-6W-W/SC	324A9145P002	0.100
74	CONNECTOR TUBE MALE - 1/4 " X 1/2" NPT	GT9754208743	SS-400-1-8-W/SC	156A1075P028	0.100
75	FRONT FERRULE - 1/4 "	GT9754208751	SS-403-1	156A1088P004	0.100
76	FRONT FERRULE - 3/8 "	GT9754208760	SS-603-1	156A1088P006	0.100
77	FRONT FERRULE -1/2 "	GT9754208778	SS-813-1	156A1088P007	0.100
78	FRONT FERRULE - 3/4 "	GT9754208786	SS-1213-1	156A1088P009	0.100
79	FRONT FERRULE - 1 "	GT9754208794	SS-1613-1	156A1088P011	0.100
80	BACK FERRULE - 1/4 "	GT9754208808	SS-404-1	156A1089P004	0.100
81	BACK FERRULE - 3/8 "	GT9754208816	SS-604-1	156A1089P006	0.100
82	BACK FERRULE - 1/2 "	GT9754208824	SS-814-1	156A1089P007	0.100
83	BACK FERRULE - 3/4 "	GT9754208832	SS-1214-1	156A1089P009	0.100
84	BACK FERRULE - 1 "	GT9754208840	SS-1614-1	156A1089P011	0.100
85	CONN.TUBE FEMALE STR THD- 1/2" X 0.75"-16	GT9754208859	SS-810-7-8ST-W/SC	355A7283P002	0.100
86	CONN.TUBE FEMALE STR THD- 3/4"X 1 1/16"-12	GT9754208867	SS-1210-7-12ST-W/SC	355A7283P003	0.100

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VARIANT TABLE

VAR.NO.	DESCRIPTION	MAT_CODE	CATALOGUE.NO.	GE CODE	WT (kg)
87	TEE W/SS ORIFICE PLATES ASSEMBLED ON RUN & BRANCH - 3/4"	GT9754208875	SS-1210-6PD-FULL -W/SC	349A6216P018	0.100
88	AN ADAPTER-3/4"OD*3/4" AN TUBE OD	GT9754208883	SS-1210-A-12ANF -W/SC	348A4613P001	0.100
89	CONNECTOR TUBE MALE-1/2" X 1" NPT	GT9754208891	SS-810-1-16-W/SC	156A1075P033	0.100
90	TEE, MALE RUN-3/4" X 1 1/16"-12	GT9754208905	SS-1210-3TST-W/SC	351A9535P004	0.100
91	ADAPTER TUBE O-RING - 3/4" X 1.0625"-12	GT9754208913	SS-12-TA-1-12ST	339A6096P009	0.100
92	CONNECTOR, TUBE RED.PORT - 1" X 3/4"	GT9754208921	SS-1611-PC-12	324A5152P010	0.100
93	CONN TUBE O-RING STR THREAD -1"X1.3125"-12	GT9754208930	SS-1610-1-OR-W/SC	324A5925P011	0.100
94	CONNECTOR TUBE AN -3/4 "X 3/4"	GT9754208948	SS-1210-6-12 AN-W/SC	314A5306P009	0.100
95	CONNECTOR TUBE AN -1 "X 1"	GT9754208956	SS-1610-6-16 AN-W/SC	314A5306P010	0.100
96	TEE W/SS ORIFICE PLATES ASSEMBLED ON RUN & BRANCH - 1/2"	GT9754208964	SS-810- 3PF -W/SC	344A9868P010	0.100
97	CONNECTOR TUBE MALE-1/4" X 3/4" NPT	GT9754208972	SS-400-1-12-W/SC	156A1075P	0.100
98	REDUCING UNION (3/4" OD X 1/2" OD)	GT9754208980	SS-1210-6-8-W/SC	156A1095P011	0.100
99	REDUCING UNION (1" OD X 1/2" OD)	GT9754208999	SS-1610-6-8-W/SC	156A1095P019	0.100



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RECORD OF REVISIONS

Rev.No	Date	Revisions Details	Revised	Approved
01	16-01-96	First made.	(Y.V.RAO)	(B.I.BABU)
02	19-04-96	Variant No. 15 added.	(B.S.N)	(B.I.BABU)
03	08-07-96	Variant No's. 16 & 17 added.	(K.M.M)	(B.I.BABU)
04	26-08-96	Variant No's. 18 to 24 added.	(B.S.N)	(B.I.BABU)
05	19-09-96	Catalogue No's added	(J.U.M.R)	(B.I.BABU)
06	20-08-97	Variant No's. 25 to 28 added.	(J.U.M.R)	(B.I.BABU)
07	02-09-97	Variant No. 29 added.	(N.V.S)	(B.I.BABU)
08	20-02-98	Variant No. 30 added.	(B.S.N)	(B.I.BABU)
09	14-09-98	Variant No's. 31 to 38 added.	(V.S.H)	(B.I.BABU)
10	04-11-98	Variant No's. 41 to 44 added.	(R.K.S)	(B.I.BABU)
11	23-11-98	Variant No's. 45 to 49 added.	(V.S.H)	(B.I.BABU)
12	15-03-99	Variant No's. 50,51 & 52 added.	(Y.V.RAO)	(B.I.BABU)
13	02-07-99	Variant No's. 53 to 57 added.	(Y.V.RAO)	(B.I.BABU)
14	09-07-99	Variant No. 58 added.	(K.M.M)	(B.I.BABU)
15	13-07-99	Variant No's. 59, 60 & 61 added.	(Y.P.G)	(B.I.BABU)
16	16-07-99	Variant No. 62 added.	(G.S.S.R)	(B.I.BABU)
17	10-08-99	Variant No's. 63 to 65 added.	(Y.V.RAO)	(B.I.BABU)
18	10-08-99	Variant No. 66 added.	(Y.V.RAO)	(B.I.BABU)
19	21-08-99	Variant No. 67 added.	(N.V.S)	(B.I.BABU)
20	17-09-99	Variant No's. 68 & 69 added.	(Y.V.RAO)	(B.I.BABU)

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Rev.No	Date	Revisions Details	Revised	Approved
21	11-04-00	Variant No's. 70 to 72 added.	(Y.V.RAO)	(B.I.BABU)
22	02-05-00	Catalogue No's added.	(V.S.H)	(B.I.BABU)
23	07-06-00	Variant No. 73 added.	(K.M.M)	(B.I.BABU)
24	31-08-00	Variant No. 74 added.	(J.U.M.R)	(B.I.BABU)
25	10-02-01	Variant No's. 75 to 86 added. In Variant No's. 25 to 29 , Catalogue No's. Corrected & GE No's. added .	(J.U.M.R)	(B.I.BABU)
26	19-05-01	Variant No's. 87 to 92 added . Spec.Remade.	(Y.V.RAO)	(B.I.BABU)
27	28-06-01	Variant No. 93 added .	(U. S. H)	(B.I.BABU)
28	13-08-01	Variant No's. 94 & 95 added . In Variant No.41, Catalogue No.corrected.	(Y.V.RAO)	(B.I.BABU)
29	29-08-01	Variant No. 96 added .	(G. R. C)	(B.I.BABU)
30	22-09-01	Variant No. 97 added .	(Y.V.RAO)	(B.I.BABU)
31	20-11-01	Variant No's. 98 & 99 added .	(Y.V.RAO)	(B.I.BABU)
32	24-08-04	- For Var No's. 11, 15, 21, 36, 37, 38, 44 both description & Swagelok Cat. No. altered. - For Var No's. 46, 87, 96, 98, 99 description altered. - For Var No's. 58 & 65 Swagelok Cat. No. altered.	(BSN)	(B.I.BABU)
33	24-07-06	- In Var No.15, Description & swagelok cat.No. were changed as per GE spec. 344A9868 Rev.W. - FOR Var.No's.94 & 95 GE No. Changed from 354A to 314A.	(Y.V.RAO)	(B.I.BABU)
34	13.04.09	FOR VAR NO.11, GE PART NO. & SWAGELOK CAT. NO.CHANGED.	VBB	(Y.V.RAO)
35	23.10.09	-For Var.No's:20,32,40,45,57,58,61,64,65,73,85,86, 87&88,swagelok Part no. Modified	(Y.V.RAO)	(BSN)
36	20.06.14	Swagelok Catalogue Modified	MMK	AJ
37	29.06.21	GENERALLY REVISED	CHKK	VSH

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