

Comparison Table of Test Results

※ Material Name : Carbon steel pipes for ordinary piping(SPP)

※ Product name : Steel butt-welding pipe fittings(SPP)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS D 3507)				
Test item	Unit	Test standards	Result	Test method
Tensile Strength	N/mm ²	340 more than	404	KS B 0802 : 2003 (Test Specimen No.12B)
Yield Strength (0.2% offset)	N/mm ²	200 more than	273	KS B 0802 : 2003 (Test Specimen No.12B)
Elongation	%	30 more than	42	KS B 0802 : 2003 (Test Specimen No.12B)
Flattening Test	—	—	No defects	KS D 3507 : 2023
C	%	0.28 Less than	0.14	KS D 1652 : 2022
Si	%	0.35 Less than	0.01	KS D 1652 : 2022
Mn	%	0.80 Less than	0.39	KS D 1652 : 2022
P	%	0.040 Less than	0.011	KS D 1652 : 2022
S	%	0.040 Less than	0.010	KS D 1652 : 2022

Comparison Table of Test Results

※ Material Name : Carbon steel pipe for fuel gas piping (SPPG210)

※ Product name : Steel butt-welding pipe fittings(SPPG)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS D 3631)				
Test item	Unit	Sample classification	Test standards	Result
Tensile Strength	N/mm ²	340 more than	410	KS B 0802 : 2003 (Test Specimen No.12B)
Yield Strength (0.2% offset)	N/mm ²	210 more than	304	KS B 0802 : 2003 (Test Specimen No.12B)
Elongation	%	30 more than	37	KS B 0802 : 2003 (Test Specimen No.12B)
Flattening Test	—	—	No defects	KS D 3631 : 2020
C	%	0.30 Less than	0.14	KS D 1652 : 2022
Si	%	0.35 Less than	0.01	KS D 1652 : 2022
Mn	%	0.95 Less than	0.69	KS D 1652 : 2022
P	%	0.040 Less than	0.011	KS D 1652 : 2022
S	%	0.035 Less than	0.011	KS D 1652 : 2022

Comparison Table of Test Results

※ Material Name : Carbon steel pipes for pressure piping (SPPS250)

※ Product name : Steel butt-welding pipe fittings(PS380W)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS D 3562)				
Test item	Unit	Test standards	Result	Test method
Tensile Strength	N/mm ²	410 more than	486	KS B 0802 : 2003 (Test Specimen No.12B)
Yield Strength (0.2% offset)	N/mm ²	250 more than	372	KS B 0802 : 2003 (Test Specimen No.12B)
Elongation	%	25 more than	36	KS B 0802 : 2003 (Test Specimen No.12B)
Flattening Test	—	—	No defects	KS D 3562 : 2022
C	%	0.30 Less than	0.19	KS D 1652 : 2022
Si	%	0.35 Less than	0.01	KS D 1652 : 2022
Mn	%	0.30 ~ 100	0.47	KS D 1652 : 2022
P	%	0.040 Less than	0.012	KS D 1652 : 2022
S	%	0.040 Less than	0.003	KS D 1652 : 2022

Comparison Table of Test Results

※ Material Name : Stainless steel pipe for piping (STS304W)

※ Product name : steel butt-welding pipe fittings(STS304W)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS D 3576)				
Test item	Unit	Test standards	Result	Test method
Tensile Strength	N/mm ²	520 more than	652	KS B 0802 : 2003 (Test Specimen No.12B)
Yield Strength (0.2% offset)	N/mm ²	205 more than	306	KS B 0802 : 2003 (Test Specimen No.12B)
Elongation	%	35 more than	53	KS B 0802 : 2003 (Test Specimen No.12B)
Flattening Test	—	—	No defects	KS D 3576 : 2022
C	%	0.08 Less than	0.06	KS D 1652 : 2022
Si	%	1.00 Less than	0.39	KS D 1652 : 2022
Mn	%	2.00 Less than	1.02	KS D 1652 : 2022
P	%	0.040 Less than	0.036	KS D 1652 : 2022
S	%	0.030 Less than	0.005	KS D 1652 : 2022
Ni	%	8.00 ~ 11.00	8.03	KS D 1652 : 2022
Cr	%	18.00 ~ 20.00	18.09	KS D 1652 : 2022

Comparison Table of Test Results

※ Material Name : Hot-dipped zinc coating

※ Product name : Steel butt-welding pipe fittings

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS D 0201)

Test item	Unit	Test standards	Result	Test method
Copper Sulfate Test (5 Times)	-	reach the end point won't.	No Defects	KS D 0201 : 2016

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Comparison Table of Test Results

※ Material Name : Carbon steel pipes for ordinary piping(SPP)

※ Product name : For welding fitting (SPP 90° ELBOW)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS B 1543)					
Test item	Unit	Sample classification	Test standards	Result	Test method
Hydrostatic Test (3.9 MPa X 1 h)	-	15A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	20A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	25A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	32A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	40A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	50A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	65A	No leaks	No Leakage	AJSQI-T109
수압시험 (3.9 MPa X 1 h)	-	80A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	100A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	125A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	150A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	200A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	250A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	300A	No leaks	No Leakage	AJSQI-T109

Comparison Table of Test Results

※ Material Name : Carbon steel pipes for ordinary piping(SPP)

※ Product name : For welding fitting (SPP TEE)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS B 1543)					
Test item	Unit	Sample classification	Test standards	Result	Test method
Hydrostatic Test (3.9 MPa X 1 h)	-	15A*15A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	20A*20A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	25A*25A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	32A*32A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	40A*40A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	50A*50A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	65A*65A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	80A*80A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	100A*100A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	125A*125A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	150A*150A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	200A*200A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	250A*250A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	300A*300A	No leaks	No Leakage	AJSQI-T109

Comparison Table of Test Results

※ Material Name : Carbon steel pipes for ordinary piping(SPP)

※ Product name : For welding fitting (SPP REDUCER)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS B 1543)					
Test item	Unit	Sample classification	Test standards	Result	Test method
Hydrostatic Test (3.9 MPa X 1 h)	-	20A*15A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	25A*20A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	32A*25A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	40A*32A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	50A*40A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	65A*50A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	80A*65A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	100A*80A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	125A*100A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	150A*125A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	200A*150A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	250A*200A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	300A*250A	No leaks	No Leakage	AJSQI-T109

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Comparison Table of Test Results

※ Material Name : Carbon steel pipes for ordinary piping(SPP)

※ Product name : For welding fitting (SPP CAP)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS B 1543)					
Test item	Unit	Sample classification	Test standards	Result	Test method
Hydrostatic Test (3.9 MPa X 1 h)	-	15A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	20A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	25A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	32A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	40A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	50A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	65A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	80A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	100A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	125A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	150A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	200A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	250A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	300A	No leaks	No Leakage	AJSQI-T109

Comparison Table of Test Results

※ Material Name : Carbon steel pipe for pressure piping (SPPS250)

※ Product name : For welding fitting (PS380W S40 90° ELBOW)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS B 1543)					
Test item	Unit	Sample classification	Test standards	Result	Test method
Hydrostatic Test (6.0 MPa X 1 h)	-	15A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	20A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	25A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	32A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	40A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	50A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	65A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	80A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	100A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	125A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	150A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	200A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	250A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	300A	No leaks	No Leakage	AJSQI-T109

Comparison Table of Test Results

※ Material Name : Carbon steel pipe for pressure piping (SPPS250)

※ Product name : For welding fitting (PS380W S40 TEE)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS B 1543)					
Test item	Unit	Sample classification	Test standards	Result	Test method
Hydrostatic Test (6.0 MPa X 1 h)	-	15A*15A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	20A*20A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	25A*25A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	32A*32A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	40A*40A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	50A*50A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	65A*65A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	80A*80A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	100A*100A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	125A*125A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	150A*150A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	200A*200A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	250A*250A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	300A*300A	No leaks	No Leakage	AJSQI-T109

Comparison Table of Test Results

※ Material Name : Carbon steel pipe for pressure piping (SPPS250)

※ Product name : For welding fitting (PS380W S40 REDUCER)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS B 1543)					
Test item	Unit	Sample classification	Test standards	Result	Test method
Hydrostatic Test (6.0 MPa X 1 h)	—	20A*15A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	—	25A*20A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	—	32A*25A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	—	40A*32A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	—	50A*40A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	—	65A*50A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	—	80A*65A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	—	100A*80A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	—	125A*100A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	—	150A*125A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	—	200A*150A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	—	250A*200A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	—	300A*250A	No leaks	No Leakage	AJSQI-T109

Comparison Table of Test Results

※ Material Name : Carbon steel pipe for pressure piping (SPPS250)

※ Product name : For welding fitting (PS380 S40 CAP)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS B 1543)					
Test item	Unit	Sample classification	Test standards	Result	Test method
Hydrostatic Test (6.0 MPa X 1 h)	-	15A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	20A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	25A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	32A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	40A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	50A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	65A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	80A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	100A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	125A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	150A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	200A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	250A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (6.0 MPa X 1 h)	-	300A	No leaks	No Leakage	AJSQI-T109

Comparison Table of Test Results

※ Material Name : Stainless steel pipe for piping (STS304W)

※ Product name : For welding fitting (STS304W S10S 90° ELBOW)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS B 1543)					
Test item	Unit	Sample classification	Test standards	Result	Test method
Hydrostatic Test (3.9 MPa X 1 h)	—	15A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	20A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	25A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	32A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	40A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	50A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	65A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	80A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	100A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	125A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	150A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	200A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	250A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	300A	No leaks	No Leakage	AJSQI-T109

Comparison Table of Test Results

※ Material Name : Stainless steel pipe for piping (STS304W)

※ Product name : For welding fitting (STS304W S10S TEE)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS B 1543)					
Test item	Unit	Sample classification	Test standards	Result	Test method
Hydrostatic Test (3.9 MPa X 1 h)	—	15A*15A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	20A*20A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	25A*25A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	32A*32A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	40A*40A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	50A*50A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	65A*65A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	80A*80A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	100A*100A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	125A*125A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	150A*150A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	200A*200A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	250A*250A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	300A*300A	No leaks	No Leakage	AJSQI-T109

Comparison Table of Test Results

※ Material Name : Stainless steel pipe for piping (STS304W)

※ Product name : For welding fitting (STS304W S10S REDUCER)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards (KS B 1543)					
Test item	Unit	Sample classification	Test standards	Result	Test method
Hydrostatic Test (3.9 MPa X 1 h)	—	20A*15A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	25A*20A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	32A*25A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	40A*32A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	50A*40A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	65A*50A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	80A*65A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	100A*80A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	125A*100A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	150A*125A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	200A*150A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	250A*200A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	—	300A*250A	No leaks	No Leakage	AJSQI-T109

Comparison Table of Test Results

※ Material Name : Stainless steel pipe for piping (STS304)

※ Product name : For welding fitting (STS304 S10S CAP)

※ Inspection Agency : Korea Testing & Research Institute

※ Inspection Results : Pass

Test standards(KS B 1543)					
Test item	Unit	Sample classification	Test standards	Result	Test method
Hydrostatic Test (3.9 MPa X 1 h)	-	15A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	20A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	25A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	32A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	40A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	50A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	65A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	80A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	100A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	125A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	150A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	200A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	250A	No leaks	No Leakage	AJSQI-T109
Hydrostatic Test (3.9 MPa X 1 h)	-	300A	No leaks	No Leakage	AJSQI-T109