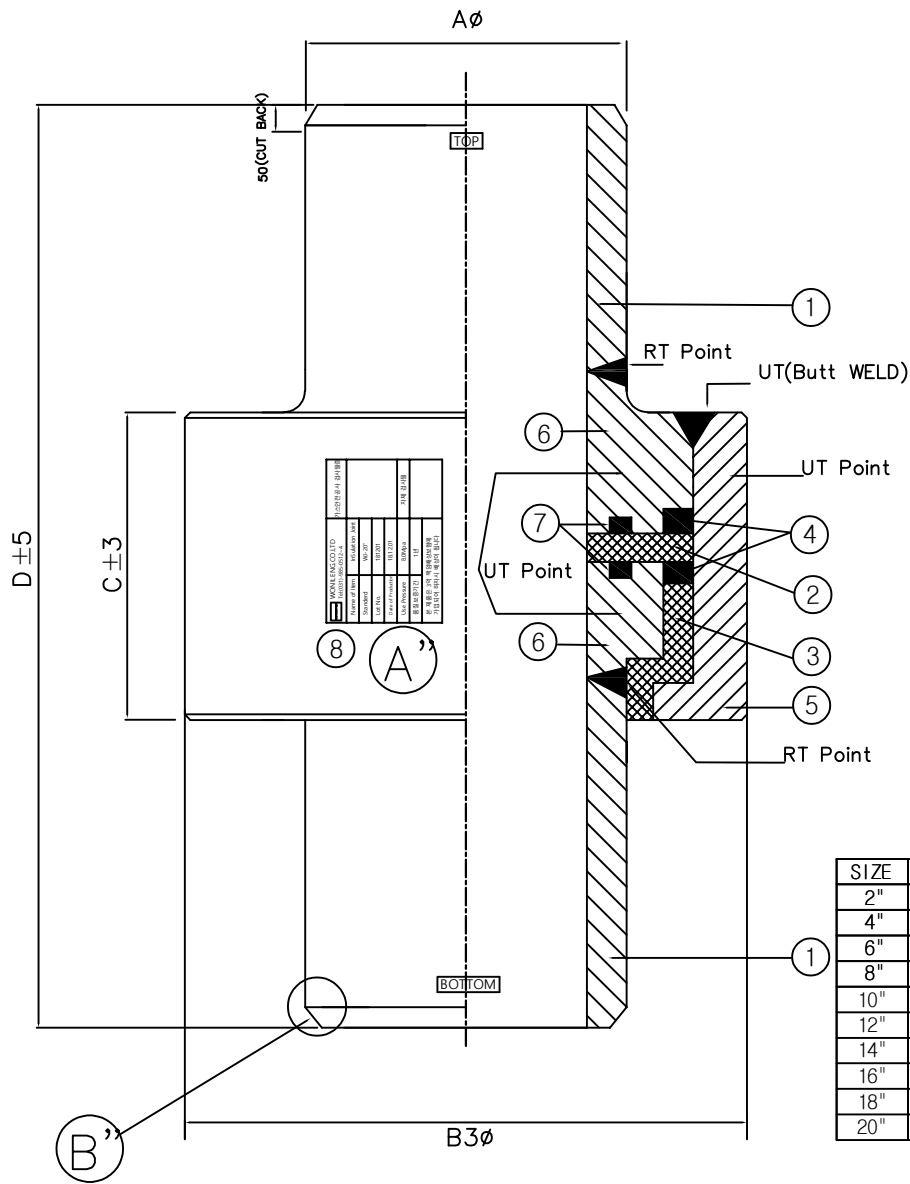
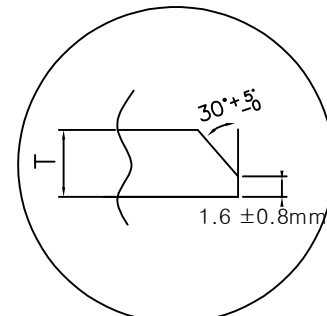




 WONILENG.CO.LTD Tel:(031)-985-0512~4		가스안전공사 검사필
Name of Item	InSulation Joint	
Model No	WJ-15A	
Lot No.	260615	
Date of Production	26.06	
Use Pressure	7.0Mpa	
품질보증기간	1년	자체 검사필
본 제품은 3억 책임배상보험에 가입되어 하차시 배상이 됩니다		

DETAIL A''



DETAIL B''

SIZE	A	B	C	D	Thik	PIPE PUP	Weight
2"	60.3Ø	125Ø	85	450	5.5	API 5L Grx42 API 5L GrB	12.5
4"	114.3Ø	190Ø	130	500	6	API 5L Grx42 API 5L GrB	20
6"	168.3Ø	260Ø	150	600	7.1	API 5L Grx42 API 5L GrB	30
8"	219.1Ø	315Ø	160	650	8.2	API 5L Grx42 API 5L GrB	45
10"	273Ø	375Ø	200	750	12.7	API 5L Grx42 API 5L GrB	78
12"	323.8Ø	430Ø	220	800	14.3	API 5L Grx42 API 5L GrB	120
14"	355.6Ø	455Ø	230	900	9.5	API 5L Grx65	150
16"	406.4Ø	565Ø	300	1000	9.5	API 5L Grx65	250
18"	457.2Ø	605Ø	330	1000	11.1	API 5L Grx65	300
20"	508Ø	655Ø	370	1000	11.9	API 5L Grx65	350

LIST OF MATERIAL

NO.	PART NAME	MATERIAL	Q'TY	REMARK
1	PIPE PUP	API5L X42	2	
2	INSULATING	MC NYLON	1	
3	INSULATING	MC NYLON	1	
4	SEALING	N.B.R	2	
5	GUIDE	A105	1	
6	PIPE RING	A105	2	
7	SECOND SEALING	N.B.R	2	
8	Name Sticker	PAPER(80x60)	1	
9				

NOTE

1. ALL DIMENSION 2. APPLICATION CODE(비파괴검사코드) ■ ASME SEC.V ■ ASME B31.1 □ KS B 0845 □ ASME B31.8	10. HYDRO-TENSILE STRENGTH TEST(인장) ☐ PRESSURE MEDIUM : FRESH WATER or ELECTRICAL OIL ☐ PRESSURE(Kg/cm²g): ☐ TENSILE STRENGTH(Kgf): ■ Replace KGS Test Report
3. FABRICATING TOLERANCES ■ LENGTH TOLERANCE: ±3~5MM ■ OUT OF ROUNDNESS: ±1%	11. HYDRO-BENDING STRENGTH TEST(굽힘) ☐ PRESSURE MEDIUM : FRESH WATER or ELECTRICAL OIL ☐ PRESSURE(Kg/cm²g): ☐ BENDING STRENGTH(Kgf.m): ■ Replace KGS Test Report
4. WELDING METHOD(용접타입) ■ GTAW □ SAW □ GMAW	12. COLD RESISTANCE TEST(내한성) ☐ TEMPERATURE(°C): (-)25±1 ☐ HOLDING TIME(HOUR): 24 ■ Replace KGS Test Report
5. N.D.E for FORGING ■ UT 100% □ N/A	13. HEAT RESISTANCE TEST(내열성) ☐ TEMPERATURE(°C): (+)85±1 ☐ HOLDING TIME(HOUR): 24 ■ Replace KGS Test Report
6. N.D.E for WELDING SURFACE ■ BUTT WELD POINTS: RT 100% ■ BUTT WELD POINTS: UT 100% ■ Bevelled Ends: MT 100% or PT 100%	14. GAS RESISTANCE TEST(LPG침적시험) ☐ TEMPERATURE(°C) LPG: -20~40 ☐ TEMPERATURE(°C) AIR: -25 ☐ HOLDING TIME(HOURS): 24 ■ Replace KGS Test Report
7. ELECTRICAL TEST ■ VOLTAGE WITHSTAND(STRENGTH) TEST : 5,000 VOLT, AC, 60HZ, ONE(1) MINUTE ■ INSULATION RESISTANCE TEST : 1,000 VOLT, DC, >25MΩ	15. PAINTING TEST ☐ HOLIDAY TEST: 3000 VOLT(핀홀) ■ SURFACE PREPARATION: A10-SP10 ■ PAINTING: ☐ INSIDE ☒ OUTSIDE -ONE COAT : 50µm / EP170(KCC) -SECOND COAT : 150µm / EH6270(KCC) -THIRD COAT : 100µm / UT6581(KCC) -FINAL COLOR : Gray(7.5GY.5.5/1) -TOTAL D.F.T : 300µm ☐ BEVELED END: WELDABLE PRIMER TOTAL D.F.T: 10µm FINAL COLOR: BROWN
8. PNEUMATIC(=LEAKAGE) TEST ■ TEST PRESSURE(Bar.g): 77 ■ HOLDING TIME(Minute): 10 □ N/A	
9. HYDROSTATIC TEST(수압) ■ PRESSURE MEDIUM : FRESH WATER or ELECTRICAL OIL ■ PRESSURE(Bar.g): 105 ■ HOLDING TIME(MINUTE): 60 ☐ Replace KGS Test Report ☐ N/A	

△					
△					
△	2026.06.15	ISSUE FOR APPROVAL	M.C. CHO	S.S. SONG	K.L. CHO
REV NO	DATE	DESCRIPTION	PREPARED	CHECKED	REVIEWED APPROVED

INSULATION JOINT

STYLE	W-TYPE			
SIZE	15A		CLASS	#600
	SIGNATURE	DATE	SCALE	N / S
APPROVED	K.L. CHO	2026.06.15	DATE	2026.06.15
REVIEWED			D.W.G NO	D26-06-15
CHECKED	S.S. SONG	2026.06.15		
PREPARED	M.C. CHO	2026.06.15		