

PVC FITTING COVERS AND JACKETING FITTINGS



◆ Description

The PVC Insulated Fitting Covering System consists of preformed gloss white outdoor weatherable and gloss colored insulated covers for piping fittings.

Their unique shapes fit screwed, Victaulic, welded and flanged elbows, tees, valves, couplings, laterals, reducers and endcaps. We supply PVC sheet in either bulk rolls or precutted cut-to-fit pipe sizes. The thickness is available in 0.4mm, 0.51mm, 0.7mm and 0.8mm.



◆ Features

- ◇ Easy Installation - the unique shapes make an easy seal over an entire mechanical system
- ◇ Clean, neat and attractive appearance due to the high gloss
- ◇ Low maintenance
- ◇ Corrosion resistance
- ◇ Outdoor weatherability* (UV stable)
- ◇ Provides a natural barrier to moisture, bacteria and mold

◆ Physical Properties

Property	Test Method	Value
Flame Spread	ASTM E84	≤25
Smoke Developed	ASTM E84	≤50
Specific Gravity	ASTM 792	1.46
Tensile Strength lb./in. ²	ASTM D638	7,000
Tensile Modulus PSI	ASTM D638	400,000
Izod Impact ft.lb/in.	ASTM D256	15
Perm Rating @30°C	ASTM E96	0.03
Electrical Conductance	ASTM D257	None
LOI (Oxygen Index)	GB/T 2406.2-2009	35.6%
Life Span time		>10 years

◆ Application

Our composite UPVC jacketing covers can be widely used in commercial, industrial and civil indoor and outdoor applications.

The composite uPVC jacking covers can be used in a wide range of pipeline and equipment protection systems with a temperature range of -37°C to 260°C, but the temperature of the outer surface of the insulation layer is less than 66°C (the national standard requires less than 50°C).

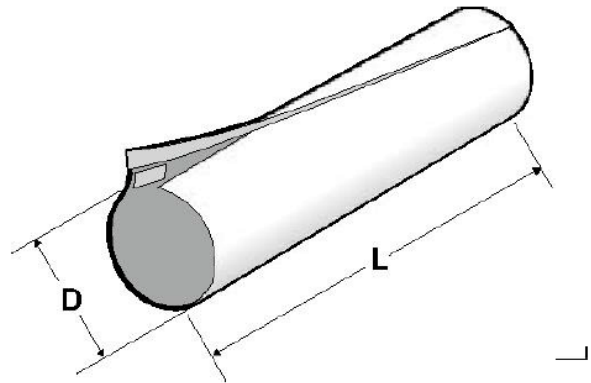
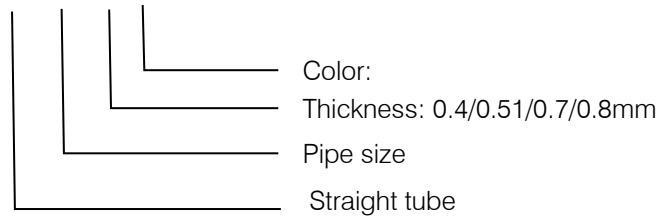
◆ Physical Properties

Inorganic Acids	
Sulfuric, nitric, hydrochloric, hydrofluoric (diluted or concentrated):	Excellent
Organic Acids	
Formic, acetic and propionic	Poor
Alkalies	
Sodium and potassium hydroxides	Excellent
Ammonium hydroxide	Excellent
Caustic Soda	Excellent
Soda Ash	Excellent
Miscellaneous Corrosive Chemicals	
Phenol, resorcinol and creosol	Poor
Iodine, crystals	Fair
Iodine, tincture	Excellent
Chlorine and bromine water	Excellent
Potassium dichromate	Excellent
Silver nitrate	Excellent
Tannic acid	Excellent
Solvent and Dilutents	
Alcohol and polyalcohols, including ethyl methanol, butanol and isopropyl alcohol	Excellent
Ketones	
Lower boiling ketones	Dissolves
Higher boiling ketones	Swells
Ethers	
Ethyl	Softens
Dichlorethyl ether	Swells
Diethyl cellosolve	Swells
Dioxane	Dissolves
Propylene oxide	Dissolves
Hydrocarbons	
Aromatics as gasoline, kerosene and petroleum oils	Excellent
Oils, Fats and Waxes	
Animal, mineral and vegetable	Excellent

◆ PVC straight tube

Order information:

AY-XX-()-()



Code	D (mm)	Inch	L (mm)	Code	D (mm)	Inch	L (mm)
AY02	φ40	1 4/7	1220	AY29	φ175	68/9	1220
AY03	φ45	1 7/9	1220	AY30	φ180	7 1/9	1220
AY04	φ50	2	1220	AY31	φ185	7 2/7	1220
AY05	φ55	2 1/6	1220	AY32	φ190	7 1/2	1220
AY06	φ60	2 3/8	1220	AY33	φ195	7 2/3	1220
AY07	φ65	2 5/9	1220	AY34	φ200	7 7/8	1220
AY08	φ70	2 3/4	1220	AY35	φ210	8 1/4	1220
AY09	φ75	3	1220	AY36	φ220	8 2/3	1220
AY10	φ80	3 1/7	1220	AY37	φ230	9	1220
AY11	φ85	3 1/3	1220	AY38	φ240	9 4/9	1220
AY12	φ90	3 5/9	1220	AY39	φ250	9 5/6	1220
AY13	φ95	3 3/4	1220	AY40	φ260	10 1/4	1220
AY14	φ100	3 8/9	1220	AY41	φ270	10 5/8	1220
AY15	φ105	4 1/8	1220	AY42	φ280	11	1220
AY16	φ110	4 1/3	1220	AY43	φ290	11 3/7	1220
AY17	φ115	4 1/2	1220	AY44	φ300	11 4/5	1220
AY18	φ120	4 5/7	1220	AY45	φ310	12 1/5	1220
AY19	φ125	4 8/9	1220	AY46	φ320	12 3/5	1220
AY20	φ130	5 1/8	1220	AY47	φ330	13	1220
AY21	φ135	5 1/3	1220	AY48	φ340	13 3/8	1220
AY22	φ140	5 1/2	1220	AY49	φ350	13 7/9	1220
AY23	φ145	5 5/7	1220	AY50	φ360	14 1/6	1220
AY24	φ150	5 8/9	1220	AY51	φ370	14 4/7	1220
AY25	φ155	6 1/9	1220	AY52	φ380	15	1220
AY26	φ160	6 2/7	1220	AY53	φ390	15 3/8	1220
AY27	φ165	6 1/2	1220	AY54	φ400	15 3/4	1220
AY28	φ170	6 5/7	1220	AY55	φ410	16 1/7	1220

◆ PVC sheet / Roll

Order information:
AS/R-XX-()



Sheet



Roll

Sheet: Suitable for duct, water tank insulation jacketing which has a flat surface.

Roll: Suitable for pipes.

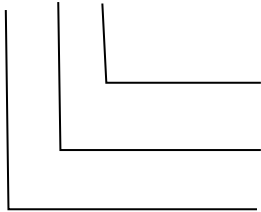
Code	Length (m)	Width (mm)	Thickness (mm)	Type
AS40	50	1220	0.4	Roll
AS51	45	1220	0.51	Roll
AS70	30	1220	0.7	Roll
AS80	25	1220	0.8	Roll
ASR40	50	1220	0.4	Sheet
ASR51	45	1220	0.51	Sheet
ASR70	30	1220	0.7	Sheet
ASR80	25	1220	0.8	Sheet



◆ PVC 90° Elbow

Order information:

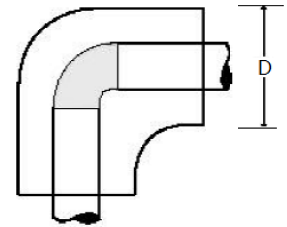
AES-XX-()



Color:

Code for Diameter and insulation thickness in the table

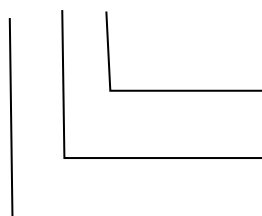
AES: 90° Elbow



Code	D (mm)	Apply for Pipes (mm) (Outer dia. & Insulation thickness)	Code	D (mm)	Apply for Pipes (mm) (Outer dia. & Insulation thickness)
AES02	42		AES18	141	102*20 89*25 83*30 60*40 43*50 22*60
AES03	48		AES19	149	108*20 89*30 70*40 48*50 28*60
AES04	54	13*20	AES20	155	114*20 102*25 76*40 54*50
AES05	60	22*20 13*25	AES21	168	127*20 114*25 108*30 89*40 70*50 48*60
AES06	67	28*20 16*25	AES22	180	140*20 127*25 102*40 76*50 60*60
AES07	73	33*20 22*25 13*30	AES23	193	140*25 134*30 114*40 76*60
AES08	79	35*20 28*25 16*30	AES24	208	168*20 159*25 127*40 108*50 89*50
AES09	82	42*20 34*25 22*30	AES25	219	168*25 159*30 140*40 114*50
AES10	89	48*20 28*30	AES26	232	159*40 134*50 114*60
AES11	98	57*20 48*25 34*30 13*40	AES27	245	168*40 140*50 127*60
AES12	102	60*20 54*25 48*30 28*40	AES28	258	159*50 140*60
AES13	108	70*20 60*25 48*30 28*40	AES29	279	169*50
AES14	116	76*20 64*25 57*30 48*32 35*40 13*50	AES30	299	219*40
AES15	122	70*25 60*30 57*32 42*40 22*50	AES31	323	219*50
AES16	127	89*20 76*25 64*30 57*35 48*40 24*50	AES32	339	219*60
AES17	136	76*30 57*40 34*50 13*60			

◆ PVC 45° Elbow

Order information:
AS/R-XX-()

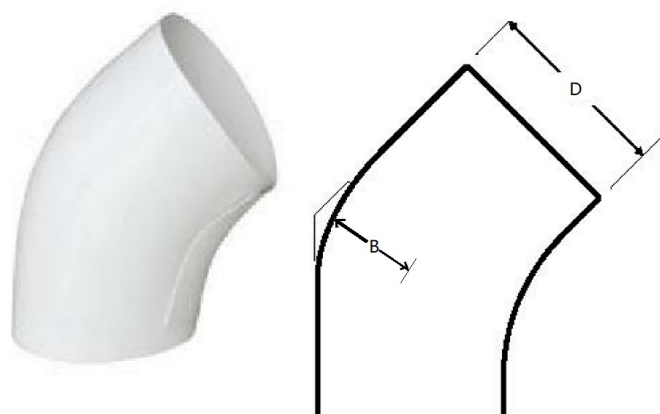


Color:

Code for Diameter and insulation

AS: Roll

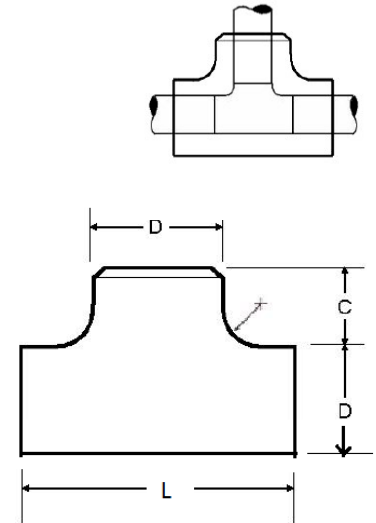
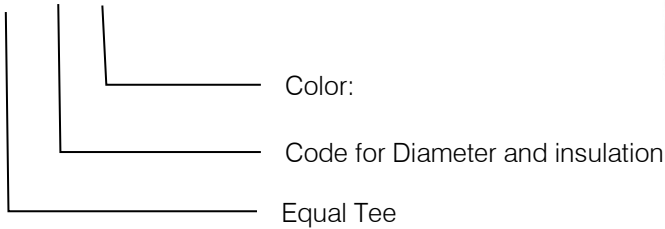
ASR: Sheet



Code	D (mm)	Inch	B (mm)	Code	D (mm)	Inch	B (mm)
AELD02	42	1 2/3	27	AELD22	324	12 3/4	130
AELD03	48	1 8/9	35	AELD23	356	14	*
AELD04	54	2 1/8	35	AELD24	381	15	*
AELD05	60	2 3/8	45	AELD25	406	16	*
AELD06	67	2 5/8	42	AELD26	432	17	*
AELD07	73	2 7/8	45	AELD27	457	18	*
AELD08	79	3 1/9	38	AELD28	486	19 1/8	*
AELD09	89	3 1/2	50	AELD29	506	19 8/9	*
AELD10	102	4	55	AELD30	534	21	*
AELD11	114	4 1/2	58	AELD31	559	22	*
AELD12	127	5	60	AELD32	584	23	*
AELD13	141	5 5/9	63	AELD33	610	24	*
AELD14	155	6 1/9	65	AELD34	635	25	*
AELD15	168	6 5/8	68	AELD35	660	26	*
AELD16	180	7 1/9	75	AELD36	686	27	*
AELD17	193	7 3/5	77	AELD37	711	28	*
AELD18	219	8 5/8	100	AELD38	737	29	*
AELD19	245	9 5/8	100	AELD39	762	30	*
AELD20	273	10 3/4	105	AELD40	787	31	*
AELD21	299	11 7/9	107	AELD41	813	32	*

◆ PVC Equal Tee

Order information:
ATV-XX-()

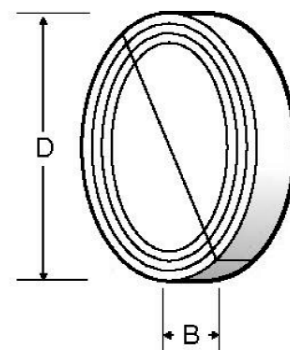
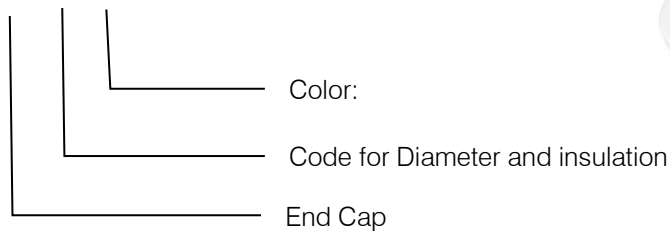


Code	D (mm)	Inch	L (mm)	C (mm)	Code	D (mm)	Inch	L (mm)	C (mm)
ATV02	42	1 2/3	95	20	ATV22	324	12 3/4	582	165
ATV03	48	1 8/9	95	27	ATV23	356	14	619	140
ATV04	54	2 1/8	103	24	ATV24	381	15	620	145
ATV05	60	2 3/8	120	31	ATV25	406	16	653	155
ATV06	67	2 5/8	132	29	ATV26	432	17	*	*
ATV07	73	2 7/8	132	40	ATV27	457	18	*	*
ATV08	79	3 1/9	195	39	ATV28	486	19 1/8	*	*
ATV09	89	3 1/2	180	60	ATV29	506	19 8/9	*	*
ATV10	102	4	195	50	ATV30	534	21	*	*
ATV11	114	4 1/2	207	50	ATV31	559	22	*	*
ATV12	127	5	234	55	ATV32	584	23	*	*
ATV13	141	5 5/9	273	62	ATV33	610	24	*	*
ATV14	155	6 1/9	278	73	ATV34	635	25	*	*
ATV15	168	6 5/8	307	80	ATV35	660	26	*	*
ATV16	180	7 1/9	384	92	ATV36	686	27	*	*
ATV17	193	7 3/5	381	85	ATV37	711	28	*	*
ATV18	219	8 5/8	365	75	ATV38	737	29	*	*
ATV19	245	9 5/8	413	105	ATV39	762	30	*	*
ATV20	273	10 3/4	445	95	ATV40	787	31	*	*
ATV21	299	11 7/9	507	160	ATV41	813	32	*	*

◆ PVC End Cap

Order information:

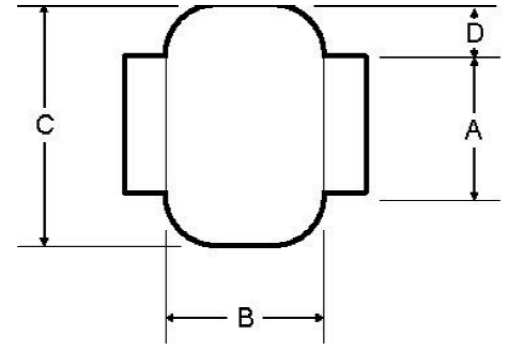
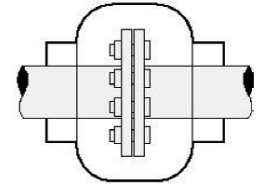
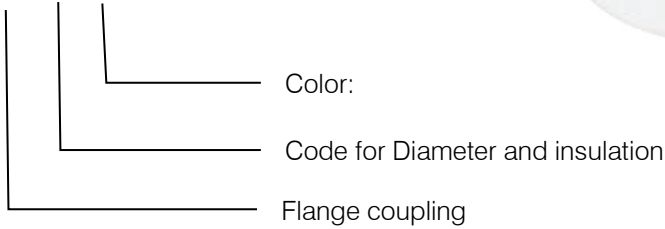
AG-XX-()



Code	D (mm)	Inch	B (mm)	Code	D (mm)	Inch	B (mm)
AG02	42	1 2/3	25	AG22	324	12 3/4	40
AG03	48	1 8/9	25	AG23	356	14	40
AG04	54	2 1/8	25	AG24	381	15	40
AG05	60	2 3/8	25	AG25	406	16	40
AG06	67	2 5/8	25	AG26	432	17	40
AG07	73	2 7/8	35	AG27	457	18	40
AG08	79	3 1/9	35	AG28	486	19 1/8	40
AG09	89	3 1/2	35	AG29	506	19 8/9	40
AG10	102	4	35	AG30	534	21	40
AG11	114	4 1/2	35	AG31	559	22	40
AG12	127	5	35	AG32	584	23	40
AG13	141	5 5/9	35	AG33	610	24	40
AG14	155	6 1/9	35	AG34	635	25	40
AG15	168	6 5/8	35	AG35	660	26	40
AG16	180	7 1/9	35	AG36	686	27	40
AG17	193	7 3/5	35	AG37	711	28	45
AG18	219	8 5/8	35	AG38	737	29	45
AG19	245	9 5/8	35	AG39	762	30	45
AG20	273	10 3/4	35	AG40	787	31	45
AG21	299	11 7/9	35	AG41	813	32	45

◆ PVC Flange Coupling

Order information:
AQ-XX-()

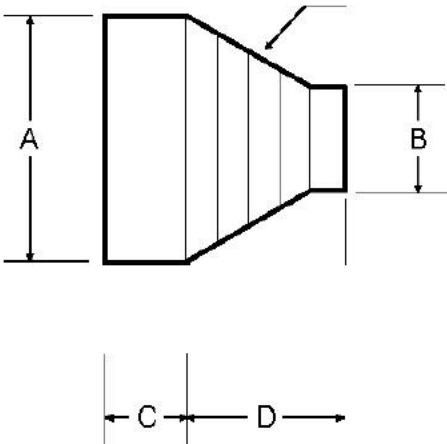
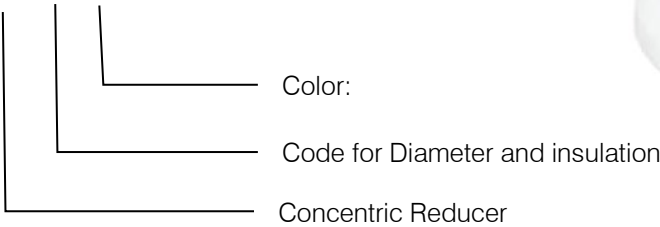


Code	A (mm)	Inch	B (mm)	C (mm)	D (mm)
AQ03	48	1 8/9	89	82	19
AQ05	60	2 3/8	114	114	25
AQ06-AQ07	73	2 7/8	152	191	57
AQ08-AQ09	89	3 1/2	140	197	51
AQ10-AQ11	114	4 1/2	184	216	51
AQ12-AQ13	141	5 5/9	191	264	57
AQ14-AQ15	168	6 5/8	203	305	70
AQ16-AQ17-AQ18	219	8 5/8	203	375	76
AQ19-AQ20	273	10 3/4	241	394	76
AQ21-AQ22	324	12 3/4	241	502	83
AQ23-AQ24	381	15	292	572	89
AQ25-AQ26	432	17	292	635	102
AQ27-AQ28	486	19 1/8	356	730	124
AQ29-AQ30	534	21	381	788	127
AQ31-AQ32	584	23	388	851	127
AQ33-AQ34	635	25	394	902	133
AQ35-AQ36	686	27	432	952	146
AQ37-AQ38	737	29	457	1003	152

◆ PVC Concentric Reducer

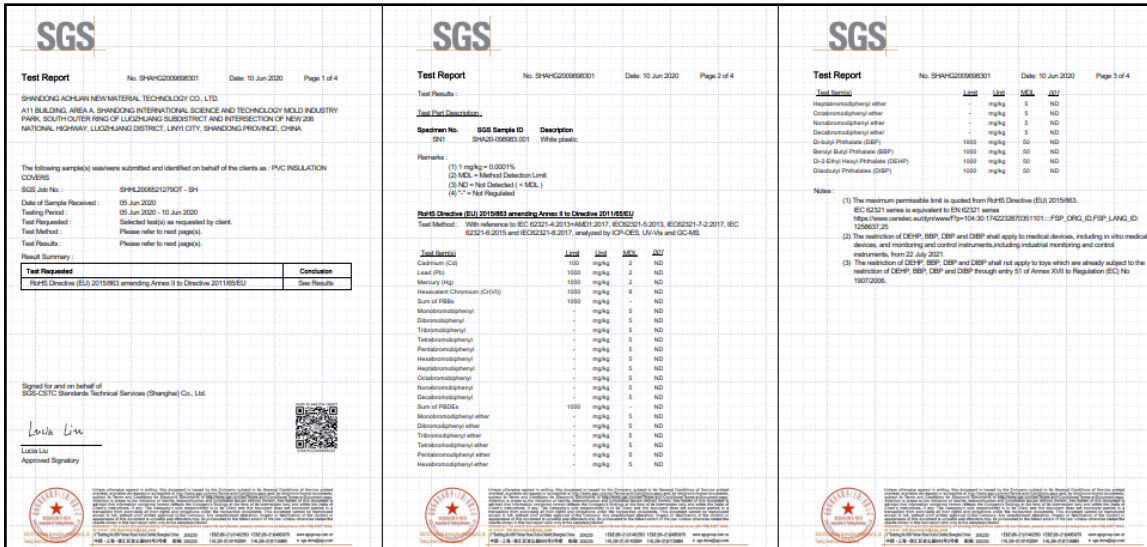
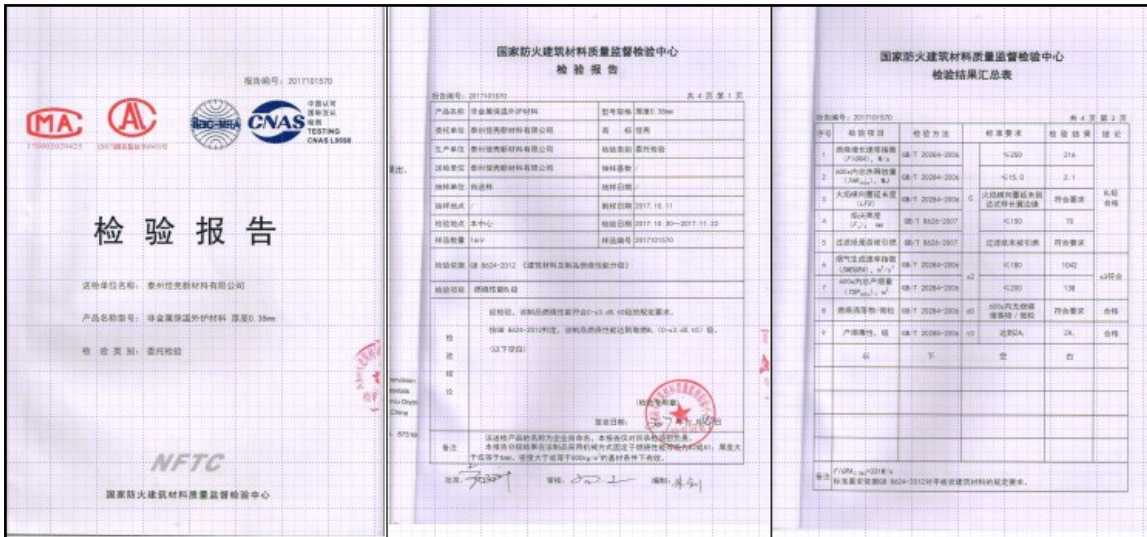
Order information:
AR-XX-()

Pipe Insulation



Code	A (mm)	Inch	B (mm)	C (mm)	D (mm)
AR06-AR03	67	25/8	48	45	50
AR09-AR02	89	3 1/2	42	45	50
AR12-AR02	127	5	42	75	75
AR15-AR05	168	65/8	60	95	75
AR18-AR09	219	85/8	89	110	75
AR22-AR13	324	123/4	141	150	100
AR28-AR15	486	19 1/8	168	267	165
AR39-AR27	762	30	457	*	*

◆ Test & Certificate



◆ Project Reference

Pipe Insulation

