

Aohuan New Material Technology Co., Ltd.

Product Catalog

PVC Insulation cladding rolls



1.Example：ASR40

AS40

A----Company brand

A----Company brand

SR----PVC Sheet

S----PVC Coil

40----Thickness

40----Thickness

2.PVC Insulation cladding rolls thickness

0.4mm/0.51mm/0.7mm/0.8mm

3.Special color and wall thickness need to contact the manufacturer

4.Colour:



Number	Long (m)	Width (m)	Sheet thickness (mm)	
AS40	50	1220/910	0.38	Rolls
AS51	45	1220/910	0.51	Rolls
AS70	30	1220/910	0.7	Rolls
AS80	25	1220/910	0.8	Rolls
ASR40	50	1220/910	0.38	Flat
ASR51	45	1220/910	0.51	Flat
ASR70	30	1220/910	0.7	Flat
ASR80	25	1220/910	0.8	Flat

Ay PVC jacketing/cut & curl



1 Example: AY40

A----Company brand Y----PVC jacketing/cut&curl

D----Pipe outer diameter L----Jacketing width

2 PVC jacketing/cut&curl thickness 0.4mm/0.51mm/0.7mm/0.8mm

3 Special color and wall thickness need to contact the manufacturer

4 Colour:



Number	D (mm)	Inch	L (mm)	Number	D (mm)	Inch	L (mm)
AY02	φ 40	1 4/7	1220	AY29	φ 175	6 8/9	1220
AY03	φ 45	1 7/9	1220	AY30	φ 180	7 1/9	1220
AY04	φ 50	2	1220	AY31	φ 185	7 2/7	1220
AY05	φ 55	2 1/6	1220	AY32	φ 190	7 1/2	1220
AY06	φ 60	2 3/8	1220	AY33	φ 195	7 2/3	1220
AY07	φ 65	2 5/9	1220	AY34	φ 200	7 7/8	1220
AY08	φ 70	2 3/4	1220	AY35	φ 210	8 1/4	1220
AY09	φ 75	3	1220	AY36	φ 220	8 2/3	1220
AY10	φ 80	3 1/7	1220	AY37	φ 230	9	1220
AY11	φ 85	3 1/3	1220	AY38	φ 240	9 4/9	1220
AY12	φ 90	3 5/9	1220	AY39	φ 250	9 5/6	1220
AY13	φ 95	3 3/4	1220	AY40	φ 260	10 1/4	1220
AY14	φ 100	3 8/9	1220	AY41	φ 270	10 5/8	1220
AY15	φ 105	4 1/8	1220	AY42	φ 280	11	1220
AY16	φ 110	4 1/3	1220	AY43	φ 290	11 3/7	1220
AY17	φ 115	4 1/2	1220	AY44	φ 300	11 4/5	1220
AY18	φ 120	4 5/7	1220	AY45	φ 310	12 1/5	1220

AY19	φ 125	4 8/9	1220	AY46	φ 320	12 3/5	1220
AY20	φ 130	5 1/8	1220	AY47	φ 330	13	1220
AY21	φ 135	5 1/3	1220	AY48	φ 340	13 3/8	1220
AY22	φ 140	5 1/2	1220	AY49	φ 350	13 7/9	1220
AY23	φ 145	5 5/7	1220	AY50	φ 360	14 1/6	1220
AY24	φ 150	5 8/9	1220	AY51	φ 370	14 4/7	1220
AY25	φ 155	6 1/9	1220	AY52	φ 380	15	1220
AY26	φ 160	6 2/7	1220	AY53	φ 390	15 3/8	1220
AY27	φ 165	6 1/2	1220	AY54	φ 400	15 3/4	1220
AY28	φ 170	6 5/7	1220	AY55	φ 410	16 1/7	1220



45° Short Radius Elbow



Product Description

Series heavy gauge pipe fitting covers are designed to fit over a variety of pipe fittings in both industrial and commercial applications. Cover types include 45° Short Radius Elbows. The one-piece welded construction provides simple, fast installation in the field and ease of maintenance for the life of the system.

Product reference

- Example: AELD02 A----Company brand
 ELD----45° elbow 02----Product mold number
 D----Pipe outer diameter
- All 45 degree elbow are suitable for long radius, short radius threads and welded 45 degree elbow
- Special specifications can be emailed to contact manufacturers to customize.
- *No. in mold development
- colour:



Number	D (mm)	Inch	B (mm)	Number	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	6	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	*



90° Short Radius Elbow



Product Description

Aohuan Bright shell Series heavy gauge pipe fitting covers are designed to fit over a variety of pipe fittings in both industrial and commercial applications. Cover types include 90° Short Radius Elbows. The one-piece welded construction provides simple, fast installation in the field and ease of maintenance for the life of the system.

Product reference

1. Example: AES02

A----Company brand ES----90° short radius elbow

02----Product mold number D----Pipe outer diameter

2. According to the chart, select the corresponding pipe diameter and insulation thickness.

The chart shows the combined dimensions.

Suitable for short and long radii Threads and welding elbows.

3. Special specifications can be emailed to contact manufacturers to customize.

4. colour:



Number	D (mm)	Inch	Scope of application (Pipe outer diameter + insulation thickness)	Number	D (mm)	Inch	Scope of application (Pipe outer diameter + insulation thickness)
AES02	42	1 2/3		AES18	141	5 5/9	102*20 89*25 83*30 60*40 43*50 22*60
AES03	48	1 8/9		AES19	149	5 7/8	108*20 89*30 70*40 48*50 28*60
AES04	54	2 1/8	13*20	AES20	155	6 1/9	114*20 102*25 76*40 54*50
AES05	60	2 3/8	22*20 13*25	AES21	168	6 5/8	127*20 114*25 108*30 89*40
AES06	67	2 5/8	28*20 16*25				70*50 48*60
AES07	73	2 7/8	32*20 22*25 13*30	AES22	180	7 1/9	140*20 127*25 102*40 76*50 60*60

PVC 管道及设备保温外保护系统
PVC Insulated Fitting Cover and Jacketing Systems

AES08	79	3 1/9	35*20 28*25 16*30	AES23	193	7 3/5	140*25 134*30 114*40 76*60
AES09	82	3 2/9	42*20 34*25 22*30	AES24	208	8 1/5	168*20 159*25 127*40 108*50 89*60
AES10	89	3 1/2	48*20 28*30	AES25	219	8 5/8	168*25 159*30 140*40 114*50
AES11	98	3 6/7	57*20 48*25 34*30 13*40	AES26	232	9 1/8	159*40 134*50 114*60
AES12	102	4	60*20 54*25 42*30 22*40	AES27	245	9 5/8	168*40 140*50 127*60
AES13	108	4 1/4	70*20 60*25 48*30 28*40	AES28	258	10 1/6	159*50 140*60
AES14	116	4 4/7	76*20 64*25 57*30 48*32 35*40 13*50	AES29	279	11	169*50
AES15	122	4 4/5	70*25 60*30 57*32 42*40 22*50	AES30	299	11 7/9	219*40
AES16	127	5	89*20 76*25 64*30 57*35 48*40 24*50	AES31	323	12 5/7	219*50
AES17	136	5 3/8	76*30 57*40 34*50 13*60	AES32	339	13 1/3	219*60



90° Long Radius Elbow



Product Description

Aohuan Bright shell Series heavy gauge pipe fitting covers are designed to fit over a variety of pipe fittings in both industrial and commercial applications. Cover types include 90 ° Long Radius Elbows. The one-piece welded construction provides simple, fast installation in the field and ease of maintenance for the life of the system.

Product reference

1. According to the pipe diameter and insulation thickness and bending radius in the field, select the corresponding model in the following table.
2. Special models need to send an email to contact the manufacturer to customize
3. colour :



Pipe diameter	Insulation thickness	Inch	D (mm)	A (mm)
125	20	5	173	127
150	20	6	199	152
200	20	8	259	203
250	20	10	313	254
300	20	12	365	305
350	20	14	417	356
400	20	16	466	406

Pipe diameter	Insulation thickness	Inch	D (mm)	A (mm)
125	30	5	193	127

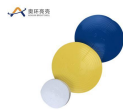
150	30	6	219	152
200	30	8	279	203
250	30	10	333	254
300	30	12	385	305
350	30	14	437	356
400	30	16	486	406

Pipe diameter	Insulation thickness	Inch	D (mm)	A (mm)
125	40	5	173	127
150	40	6	199	152
200	40	8	259	203
250	40	10	313	254
300	40	12	365	305
350	40	14	417	356
400	40	16	466	406

Pipe diameter	Insulation thickness	Inch	D (mm)	A (mm)
150	50	6	259	152
200	50	8	319	203
250	50	10	373	254
300	50	12	425	305
350	50	14	477	356

Pipe diameter	Insulation thickness	Inch	D (mm)	A (mm)
150	60	6	279	152
200	60	8	339	203
250	60	10	393	254
300	60	12	445	305
350	60	14	497	356

End Cap



Product Description

Aohuan Bright shell Series heavy gauge pipe fitting covers are designed to fit over a variety of pipe fittings in both industrial and commercial applications, with a wide variety of fittings including Tee/Valve Covers and End Caps. The two-piece or one-piece welded construction provides simple, fast installation in the field and ease of maintenance for the life of the system.

Product reference

1. Example: AG02

A----Company brand

G ----End cap

02----Product mold number

D----Pipe outer diameter

B----Thickness

2. Choose a size that corresponds to or is close to the specifications in the chart.

3. Special models need to send an email to contact the manufacturer to customize

4. colour :



Number	D (mm)	Inch	B (mm)	Number	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

Tee/Valve Cover



Product Description

Aohuan Bright shell Series heavy gauge pipe fitting covers are designed to fit over a variety of pipe fittings in both industrial and commercial applications, with a wide variety of fittings including Tee/Valve Covers and End Caps. The two-piece or one-piece welded construction provides simple, fast installation in the field and ease of maintenance for the life of the system.

Product reference

- Example: ATV02 A----Company brand
TV----Equal path tee/valve 02----Product mold number
- Select the corresponding size according to the chart.
- Reducing tee contact factory Customization.
- Special models need to send an email to contact the manufacturer to customize.
- colour:

			
白色 White	红色 Red	深绿色 Dark green	橙色 Orange
			
浅蓝色 Light Blue	紫色 Purple	黄色 Yellow	灰色 Grey
			
深蓝色 Dark blue	黑色 Black	棕色 Brown	浅绿色 Light Green
			
棕黄色 Tan	橙红色 Salmon		

Number	D (mm)	Inch	L (mm)	C (mm)	Number	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	*	*

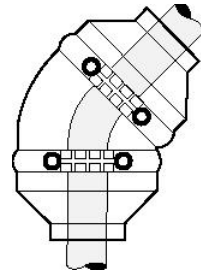


V' Series Mech. Grooved AMe45° Elbow

Product Description

Aohuan Bright shell Series heavy gauge pipe fitting covers are designed to fit over a variety of pipe fittings in both industrial and commercial applications, with a wide variety of fittings including Tee/Valve Covers and End Caps. The two-piece or one-piece welded construction provides simple, fast installation in the field and ease of maintenance for the life of the system.

Product reference



1. Example: AME26.9

A----Company brand

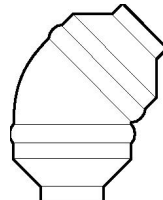
ME----V series Mech. Grooved 45° elbow

26.9----Pipe diameter

2. Choose a size that corresponds to
or is close to the specifications
in the chart.

3. Special models need to send an email
to contact the manufacturer to customize.

2. colour:



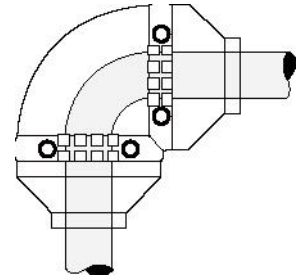
Pipe diameter	Insulation thickness	Inch
26.9	38	3/4
33.7	38	1
42.4	38	1.1
48.3	38	1.1
60.3	50	2
76.1	50	2.2
88.9	50	3
101.6	50	3
114.3	50	4
139.7	50	5
168.3	50	6
219.1	50	8

'V' Series Mech. Grooved AME90° elbow

Product Description

Aohuan Bright shell Series heavy gauge pipe fitting covers are designed to fit over a variety of pipe fittings in both industrial and commercial applications, with a wide variety of fittings including Tee/Valve Covers and End Caps. The two-piece or one-piece welded construction provides simple, fast installation in the field and ease of maintenance for the life of the system.

Product reference



1. Example: AME26.9

A---Company brand

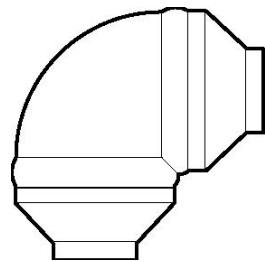
ME-----V series Mech. Grooved 90° elbow

26.9---Pipe diameter

2. Choose a size that corresponds to or is close to the specifications in the chart.

3. Special models need to send an email to contact the manufacturer to customize

4. colour:



Pipe diameter	Insulation thickness	Inch
26.9	38	3/4
33.7	38	1
42.4	38	1.1
48.3	38	1.1
60.3	50	2
76.1	50	2
88.9	50	3
101.6	50	3.3
114.3	50	4
139.7	50	5
168.3	50	6
219.1	50	8

ATK Mechanical Groove Type

Step-Down Tee



Product Description

Series standard gauge Mechanical Groove Type (MGTs) Step-Down Fitting Covers are designed to fit over a variety of pipe fittings in both industrial and commercial applications, and are available in either Tees with exceptional durability and corrosion resistance.

Product specifications

1. Example: ATK26.9

A----Company brand

TK ----Mechanical Groove Type Step-Down Tee

26.9----Pipe diameter

2. Choose a size that corresponds to or is close to the specifications in the chart.

3. Special models need to send an email to contact the manufacturer to customize.

2. colour:



Pipe diameter	Insulation thickness	Inch
26.9	40	3 4
33.7	40	1
42.4	40	.1
48.3	40	.1
60.3	50	2
76.1	50	2
88.9	50	3
101.6	50	.3
114.3	50	4
139.7	50	5
168.3	50	6
219.1	50	8

Concentric cone reducer

Product Description(产品介绍)



Aohuan Bright shell Series standard gauge sanitary drain fitting covers are designed to fit over a variety of pipe fittings in both industrial and commercial applications. Cover types include 45° Y-Branches, Soil Pipe Hub Covers, Cone Reducers, P-Trap and Handicap P-Trap Covers with exceptional durability and corrosion resistance. The single-piece construction provides simple, fast installation in the field and ease of maintenance for the life of the system.

Product reference (产品参考)

1.Example: AR03

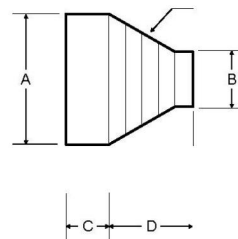
A----Company brand

R----concentric cone reducer

06----Mold number

2.Special models need to send an email to contact the manufacturer to customize.

3. colour:



Number	A (mm)	Inch	B (mm)	C (mm)	D (mm)
AR06-AR03	67	2 5/8	48	45	50
AR09-AR02	89	3 1/2	42	45	50
AR12-AR02	127	5	42	75	75
AR15-AR05	168	6 5/8	60	95	75
AR18-AR09	219	8 5/8	89	110	75
AR22-AR13	324	12 3/4	141	150	100
AR28-AR15	486	19 1/8	168	267	165
AR39-AR27	762	30	457	*	*

Flanged Gate Valve Fitting Covers

Product Description(产品介绍)

Aohuan Bright shell Series standard gauge Flanged Gate Valve Covers are designed to fit over a variety of pipe fittings in both industrial and commercial applications. Covers are available in multiple valve sizes and insulation thicknesses, as well as bonnet heights to fit most valves.

Product reference (产品参考)



1. Example: AF03

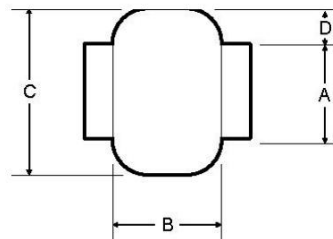
A----Company brand

F----flange gate valve fitting Covers

20----Mold number

2. Special models need to send an email to contact the manufacturer to customize

3. colour:



Number	D (mm)	Inch	B (mm)	C (mm)	D (mm)
AF20	219	8 5/8	290	210	185
AF21	244	9 5/8	340	190	215
AF22	244	9 5/8	340	190	215
AF23	273	10 3/4	380	170	240
AF24	273	10 3/4	380	230	240
AF25	323	12 3/4	405	230	265
AF26	323	12 3/4	405	255	265
AF27	355	14	355	275	300
AF28	323	12 3/4	405	290	265
AF29	355	14	430	310	300
AF30	381	15	460	310	310
AF31	457	18	490	405	345
AF32	508	20	520	430	345
AF33	508	20	520	430	345

AF34	584	23	560	530	405
AF35	635	25	610	635	430
AF36	762	30	635	710	485

AOHUAN PVC fitting Cover Customized service

AOHUAN supports the customization of various types of PVC fitting Cover samples, as well as the customization of the 3D data or CAD drawings of the products. As long as any of the above conditions are met, we can customize production for you, various shapes, special-shaped pipe fittings, PVC fittings The cover can be customized, please contact: aohuan@ahpipecladding.com



TECHNICAL SUPPORT

Aohuan provides insulation and external protection not only with high-quality composite PVC external protection system material products, but also with its rich experience in the market of installation and application of insulation external protection and advanced application programs.

1. Choose the most suitable thermal insulation and external protection system based on the specific working conditions
 2. Technical Reform of Existing Thermal Insulation and External Protection
 3. A brand-new tailored heat preservation and exterior protection product with special-shaped structure
 4. Product Maintenance Training
- physical property

performance	Basis of testing	testing result
flame	ASTM E84	≤25
Smog	ASTM E84	≤50
Specific gravity	ASTM 792	1.46
Anti-swelling strength	ASTM D638	7.000 (@yield lb/in ²)
Tensile capacity	ASTM D638	400.000 (PSI)
Pendulum impact	ASTM D256	15.0 (ft. lb. in)

Aging property	ASTM E96	0.03 (@0.30")
conductivity	ASTM D257	Nil
Anaerobic index	GB /T2406.2-2009	33.1%
Service life	Actual life of use	> 10 years

Area of application

Aohuan composite PVC-based material forming and exterior protection materials can be widely applied in commercial, industrial and civil both indoor and outdoor; The exterior protective material of composite PVC base material is suitable for various pipelines and equipment exterior protective systems with temperature ranging from -37°C to 260°C , but the exterior surface temperature of insulation layer is lower than 66°C (the national standard is lower than 50°C).

1. Microelectronics, Photovoltaic, Food, Beverage, Light Industry,
2. Biopharmaceutical, Commercial, Civil Building, Oil Drilling Platform
3. External Insulation of Petroleum, Chemical Industry, Newly Built and Reconstructed Industrial Workshops and Tanks

ABOUT US

Shandong Aohuan New Material Technology Co., Ltd. is a new enterprise dedicated to technology and new material, which has been devoted to the R&D of energy-saving, environmental protection and thermal insulation materials and external protection system, technical services, technical consultation, product production and application of integrated services.

The company has established a long-term technical cooperation relation with many scientific research institutes in China, and has established good cooperative relations with many large engineering companies. It has become a material supplier for many chemical, power, pharmaceutical and food enterprises.

Professional R&D team, strong technical strength, first-class customer management system, advanced hardware and software processing system, excellent process art, high-quality raw materials, flexible and fast logistics channels, perfect pre-sale and after-sale service system has contributed to the creation of the Aohuan composite PVC protective material for thermal insulation and external protection with good quality and availability of full range types.

The company has a collection of rich experience and a large number of successful cases in various markets. This enables it to constantly improve with innovations for providing customized thermal insulation and exterior protection solutions based on customers' needs and suggestions, and conducts technical

transformation of thermal insulation and exterior protection according to the site conditions.

The company takes reputation as its life, efficiency as its foundation, service as its duty, and loyalty to serve every Aohuan customer.

INDUSTRY DEVELOPMENT

Composite PVC material for outer shell thermal insulation has been widely used in the world. The earliest date of its use can be traced back to the 1980s, when Denmark has developed similar products with outer shell thermally insulated. With the continuous expansion of the application, the composite PVC material for outer shell thermal insulation covers almost all the fields of thermal insulation and outer protection. According to the statistics of the United Nations, 60% of the thermal protection projects in the global market have already been done by using PVC external protection materials, which are gradually replacing the traditional metallic external protection materials in the world.

At present, with the improvement of the industrial development, the requirements are getting increasingly high for the engineering technology quality. Aohuan composite PVC material for outer shell thermal insulation was born in China to subvert the traditional innovative, convenient installation, excellent performance and quality in line with international standards. It is advocated all over the world. Under the environment of building a society of energy saving and the emission reduction, it has become a trend to use Aohuan composite PVC to form the color shell of thermal insulation and external protection system.

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