

PRODUCT MODEL CODE LIST

Type	Model	Brush	Weight
C	*	*	***
⋮	⋮	⋮	⋮
C AV Cement	3 AV Cement 32	1 With brush	001 100g
	5 AV Cement 52	0 Without brush	003 250g
	6 AV Cement 62		005 500g
	8 AV Cement 88		010 1kg
	9 AV Cement 90		
	1 AV Cement 100		
	2 AV Cement 102		

AV Cement

Adhesives in the following table are available depending on types of pipes & fittings.

		AV Cement 32	AV Cement 52	AV Cement 62	AV Cement 88	AV Cement 90	AV Cement 100	AV Cement 102
								
		Japan Water Works Association (JWWA-S101)	Japan Water Works Association (JWWA-S101)			Japan Water Works Association (JWWA-S101)	Japan Water Works Association (JWWA-S101)	
Classification		Low Viscosity Quick Dry	High Viscosity Quick Dry	High Viscosity Slow Dry	Low Viscosity Quick Dry	Low Viscosity Quick Dry	Low Viscosity Quick Dry	High Viscosity Slow Dry
Adhesive Color		Transparent	Transparent	Transparent	Transparent	Transparent	White	White
Applicable Pipe Type	General Pipe (VP, VU)	◎	◎	◎	○	○	◎	◎
	① High Purity Resistance Polyvinyl Chloride Pipe (HP-PVC)	◎	◎	◎	○	○	◎	◎
	② HI Pipe	×	×	×	○	◎	◎	◎
	③ C-PVC Pipe	×	×	×	◎	×	×	×
Packaging		100g・500g・1kg can with brush	500g can with brush	1kg can with brush	250g・500g can with brush	500g・1kg can with brush	1kg can with brush	1kg can without brush (wide mouth)
Container Color		Blue	Red	Yellow	Brown	Dark Blue	Light Blue	Dark Green

Notes: 1. ◎ is recommended, × is not usable. 2. ○ is usable.

3. Select an adhesive with higher resolution (higher number circled in the table above) when connecting different materials.

Resolution **C-PVC** > **HI-PVC** > **U-PVC**

(Example: In the case of connecting C-PVC Pipe and High Purity Pipe...Use AV Cement 88)

4. Products marked as "Japan Water Works Association (JWWA S101)" in the table above are accordance with materials, manufacturing methods and compositions specified in the "JWWA S101 Tap Water Hard Polyvinyl Chloride Pipe Adhesive", and its quality has been confirmed by passing our standard testing.

AV Cement

AV Cement Standard Table

Product Name	Classification	Symbol	Container Color	Viscosity (CP)	Loss on Drying (%)	Bonding Power (MPa)	
						After 15 minutes	After 2 hours
AV Cement 32	Low Viscosity Quick Dry	A	Blue	100 – 250	30 – 50	1.25 or more	2.5 or more
AV Cement 52	High Viscosity Quick Dry	B	Red	800 – 1500	30 – 50	1.25 or more	2.5 or more
AV Cement 62	High Viscosity Slow Dry	—	Yellow	500 – 1500	10 – 30	—	1.5 or more
AV Cement 88	Low Viscosity Quick Dry	—	Brown	200 – 700	—	1.25 or more	2.5 or more
AV Cement 90	Low Viscosity Quick Dry	A	Dark Blue	500 – 800	30 – 50	1.25 or more	2.5 or more
AV Cement 100 (White)	Low Viscosity Quick Dry	A	Light Blue	500 – 800	30 – 50	1.25 or more	2.5 or more
AV Cement 102 (White)	High Viscosity Slow Dry	—	Dark Green	400 – 1000	10 – 30	—	1.5 or more

<Use Precautions>

* AV cement is applicable to Class 1 petroleum, Class 4 hazardous materials of Article 2 of the Fire Services Act. Be cautious of storage.

* Read "Use Precautions" stipulated on the can carefully and follow the instructions when using.

Relationship Between Leave Time and Bonding Strength in the Case of Using AV Cement for TS Fitting Maximum pulling load with the size of 13 mm at 20°C Bonding power inside ()

Product Name	1 minute	3 minutes	5 minutes	10 minutes	15 minutes	30 minutes	1 hour	2 hours	3 hours	6 hours	12 hours	24 hours
◎ AV Cement 32	540 (0.4)	1,320 (1.0)	1,570 (1.2)	2,010 (1.5)	2,260 (1.7)	2,840 (2.1)	3,330 (2.5)	3,730 (2.7)	4,020 (2.9)	4,560 (3.3)	Cracked	—
◎ AV Cement 52	1,260 (0.9)	1,770 (1.3)	2,160 (1.6)	2,510 (1.9)	2,790 (2.1)	3,330 (2.5)	3,730 (2.7)	4,120 (3.0)	4,360 (3.2)	4,810 (3.5)	Cracked	—
◎ AV Cement 62	—	—	—	410 (0.3)	800 (0.6)	1,320 (1.0)	2,150 (1.6)	2,750 (2.1)	3,040 (2.3)	3,880 (2.8)	4,460 (3.3)	Cracked
◎ AV Cement 88	—	—	—	—	1,670 (2.3)	2,260 (2.8)	3,040 (3.6)	3,240 (4.2)	3,630 (4.7)	4,410 (5.7)	5,300 (6.9)	6,180 (8.2)

Standard Table of Adhesive Necessary for TS Fitting Connection

Size (mm)	13	16	20	25	30	40	50	65	75	100	125	150	200	250	300	350	400	450	500	
Application Amount (g/location)	0.9	1.2	1.7	2.0	3.1	5.0	7.1	9.9	12	20	30	44	59	78	104	244	318	400	490	
Applicable Adhesive	◎ AV Cement 32 or ◎ AV Cement 52 or ◎ AV Cement 90 or ◎ AV Cement 100 (White)												◎ AV Cement 62 or ◎ AV Cement 102 (White)							

Notes: Applicable adhesives above are described from how quick or slow to dry by type and this will not be applied depending on the work environmental conditions.

PRODUCT MODEL CODE LIST

Type	Model	Material Use	Weight
Q	0	0	010
⋮	⋮	⋮	⋮
Q Lubricant	0 Lubricant	0 Lubricant	010 100g

AV Lubricant



Net Weight: 1 kg

Use AV lubricant for rubber ring connection. Do not use other soap water, grease, etc.

Normal application amount per rubber ring connection

Size (mm)	50	75	100	125	150	200	250	300	350	400	450	500
Application Amount (g)	4	5	10	15	20	25	35	50	65	90	115	140

Notes: Read "Use Precautions" stipulated on the product carefully when using.