

DV FITTINGS

● DV FITTING(JIS K6739) (Nominal Size:40 to 150mm)



SPECIFICATIONS

90° Elbow	(DL)	30 - 150mm
90° Large-curvature Elbow	(LL)	40 - 150mm
45° Elbow	(45L)	30 - 150mm
90° Y	(DT)	30 - 150×100mm
90° Large-curvature Y		40 - 150×125mm
90° Large-curvature Both-sided Y	(WLT)	65 - 125×100mm
45° Y	(Y)	40 - 150×100mm
Socket	(DS)	40 - 150mm
Increase	(IN)	40×30 - 150×125mm

※We also produce VU FITTINGS

CEMENT



AV Cement No.32
(Blue Can)
100g·500g·1kg



AV Cement No.52
(Red Can)
500g



AV Cement No.62
(Yellow Can)
1kg



AV Cement No.88
(Brown Can)
250g·500g



AV HI Cement No.90
(Dark blue Can)
500g·1kg



AV HI Cement No.100
White Cement
(Light Blue Can) 1kg



AV HI Cement No.102
White Cement
(Dark Green Can) 1kg
(no brush)

※ These adhesives are classified under Dangerous Substance Class 4, the First Oil-Based Material specified in Article 2 of the Japanese Fire Prevention Act. Use utmost care when storing the adhesives.

FEATURES

- AV Cement No.32 and No.52 are suitable for small AV TS flanges and FITTINGS.
- AV Cement No.62 is suitable for large AV FITTINGS and AV DV FITTINGS.
- AV Cement No.100 and No.102 are suitable for AV HI-PVC and HP-PVC FITTINGS.

SPECIFICATIONS

Items	Feature	Color of Can	Viscosity (cp)	Reduction by drying(%)	Cementing Strength(kgf/cm ²)	
					After 15min.	After 2 hours
AV No.32	Low viscosity,quick drying	Blue	100 - 250	30 - 50	over 12.5	over 25
AV No.52	High viscosity,quick drying	Red	800 - 1,500	30 - 50	over 12.5	over 25
AV No.62	High viscosity,slow drying	Yellow	500 - 1,500	10 - 30	—	over 15
AV No.88	Low viscosity,quick drying	Brown	200 - 700	—	—	—
AV No.90	Low viscosity,quick drying	Dark blue	500 - 800	30 - 50	over 12.5	over 25
AV No.100	Low viscosity,quick drying	Light blue	500 - 800	30 - 50	over 12.5	over 25
AV No.102	High viscosity,slow drying	Dark green	400 - 1,000	10 - 30	—	over 15

Standard Quantity of "AV CEMENT" required for connecting "PVC PIPE" with "PVC FITTINGS."

Unit:g

Nominal Size(mm)	13	16	20	25	30	40	50	65	75	100	125	150	200	250	300
Applying Quantity at one point	0.9	1.2	1.7	2.0	3.1	5.0	7.1	9.9	12.0	20	30	44	59	78	104
Application	● No. 32 or No. 52 or No. 90 or No. 100												● No. 62 or No. 102		

ADHESIVE STRENGTH BASED ON PASSING TIME 13mm 20℃ MAX stretching loading.

Items	1min	3min	5min	10min	15min	30min	1hr	2hr	3hr	6hr	12hr	24hr
● AV No.32	55kg (4kgf/cm ²)	135kg (10kgf/cm ²)	160kg (12kgf/cm ²)	205kg (15kgf/cm ²)	230kg (17kgf/cm ²)	290kg (21kgf/cm ²)	340kg (25kgf/cm ²)	380kg (28kgf/cm ²)	410kg (30kgf/cm ²)	465kg (34kgf/cm ²)	Cracked	—
● AV No.52	128kg (9kgf/cm ²)	180kg (13kgf/cm ²)	220kg (16kgf/cm ²)	256kg (19kgf/cm ²)	285kg (21kgf/cm ²)	340kg (25kgf/cm ²)	380kg (28kgf/cm ²)	420kg (31kgf/cm ²)	445kg (33kgf/cm ²)	490kg (36kgf/cm ²)	Cracked	—
● AV No.62	—	—	—	42kg (3kgf/cm ²)	82kg (6kgf/cm ²)	135kg (10kgf/cm ²)	219kg (16kgf/cm ²)	280kg (21kgf/cm ²)	310kg (23kgf/cm ²)	396kg (29kgf/cm ²)	455kg (34kgf/cm ²)	Cracked