

1.7:1
SHRINK RATIO



INSULATE
SEAL
PROTECT

MEDIUM VOLTAGE CROSS-LINKED POLYOLEFIN BUS BAR TAPE

ANTI-TRACK, ADHESIVE COATED, HEAT SHRINK TAPE SPECIFICALLY DESIGNED FOR INSULATING AND PROTECTING MEDIUM VOLTAGE BUS BAR

FEATURES AND BENEFITS

- Shrink ratio 1.7:1
- Reduces bus bar clearance requirements
- Protects against accidental flashover
- Anti-track
- Halogen free
- Continuous operating temperature: -25°C to 90°C
- Shrink temperature: 120°C

STANDARDS

- Tested to ANSI C37.20.2 standards for medium voltage switchgear applications to 25 kV

TYPICAL APPLICATIONS

- Insulation and protection of bus bar joints



DIMENSIONS

ORDER NUMBER	ROLL WIDTH (MIN.)		BACKING THICKNESS RECOVERED (NOM)		ROLL LENGTH	
	MM	IN	MM	IN	M	FT
FOR SERVICES TO 25 kV OVER BOLTED BUS BAR						
CMVBT-1	25.4	1	1.06	0.042	7.62	25
CMVBT-2	50.8	2	1.06	0.042	7.62	25
CMVBT-4	101.6	4	1.06	0.042	7.62	25

CLEARANCES WITH INSULATION

SYSTEM VOLTAGE	BIL	P TO P		P TO G	
		MM	IN	MM	IN
kV	kV				
15	95	64	2.5	74	2.9
17	110	86	3.4	106	4.2
25	125	114	4.5	152	6.0

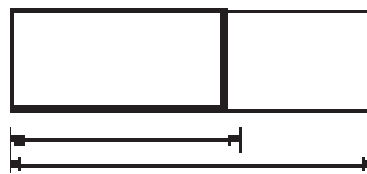
P to P: Phase to Phase orientation

P to G: Phase to Ground orientation

Spacing based on metal to metal dimension prior to insulation

INSTALLATION INSTRUCTIONS

- CMVBT-1 is best for short lengths
- CMVBT-2 is most commonly used and versatile
- CMVBT-4 is used for long lengths
- A 2/3 overlap is recommended
- One layer application required to 17 kV
- Two layer application required to 25 kV



Shrink ratio of 1.7:1 on heating

ORDERING

- Select a roll width which will shrink snugly over the component to be covered.
- Standard product is red and supplied in 25 ft rolls
- For each item please specify the product name
- Order Example: CMVBT-1

Please contact your Customer Service Representative for information on custom colours, sizes, lengths and material data sheet.