

PVC TRUNKING & TRUNKLINKS

IS 14927

Part-II-2001
CM/L-3021528

AKG[®]

AKG presents a durable wiring system that matches the stringent electrical safety standards for your home, office & showroom. Made from unplasticised high impact strength polyvinyl Chloride AKG Trunking enhances your interiors while allowing easy access for maintenance.



Size (In mm) : 16x16, 20x12, 25x12, 25x16, 32x12, 32x16, 38x16, 50x16, 50x50, 75x50, 75x75, 100x50

Salient Features

- High impact strength & robust configuration.
- Unplasticised formulation ensure no change in dimension/shape even after prolonged use/storage.
- Many sizes to suit different applications.
- Available in Ivory / Grey colour.

Trunking Dimension & Packing

Sr. No.	Double Lock	Single Lock	Standard Packing (in/Meter)
1	16 x 16	—	400
2	20 x 12	1/4" (13/30mm)	400
3	25 x 16	1/4" (20/25mm)	200
4	32 x 16	1" (25/32mm)	200
5	38 x 16	38mm	100
6	50 x 16	50mm	100

Mechanical Properties

- Tensile Strength : 390-420 kg./cm (Ref ASTM D638)
- Specific Gravity : 1.3 - 1.4 (ASTM D 792)
- Hardness : 70-75 D (Dure ASTM D 7940)

Chemical Properties

- Water absorption : 0-10-0.25% weight in 24 hrs. (ASTM D 150)
- Effect of acid & alkali : highly resistant (ASTM D543)

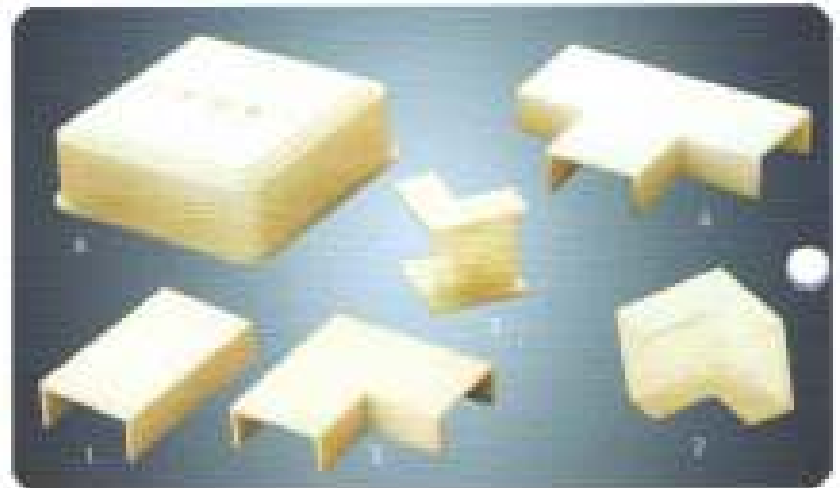
Thermal Properties

- Working Temp. : 60° C - 60° C
- Flammability : UL 94V-0
- Burning Rate : Self extinguishing (ASTM D 635)
- Flame die out time : Less than 30 seconds

Electrical Properties

- Dielectric constant : 1.7 - 3.00 (ASTM D 150)
- Insulation Resistance : More than 100 megohms
- Electric Strength : No Breakdown at 2 Kv x 30 Hz. for 15 Minutes

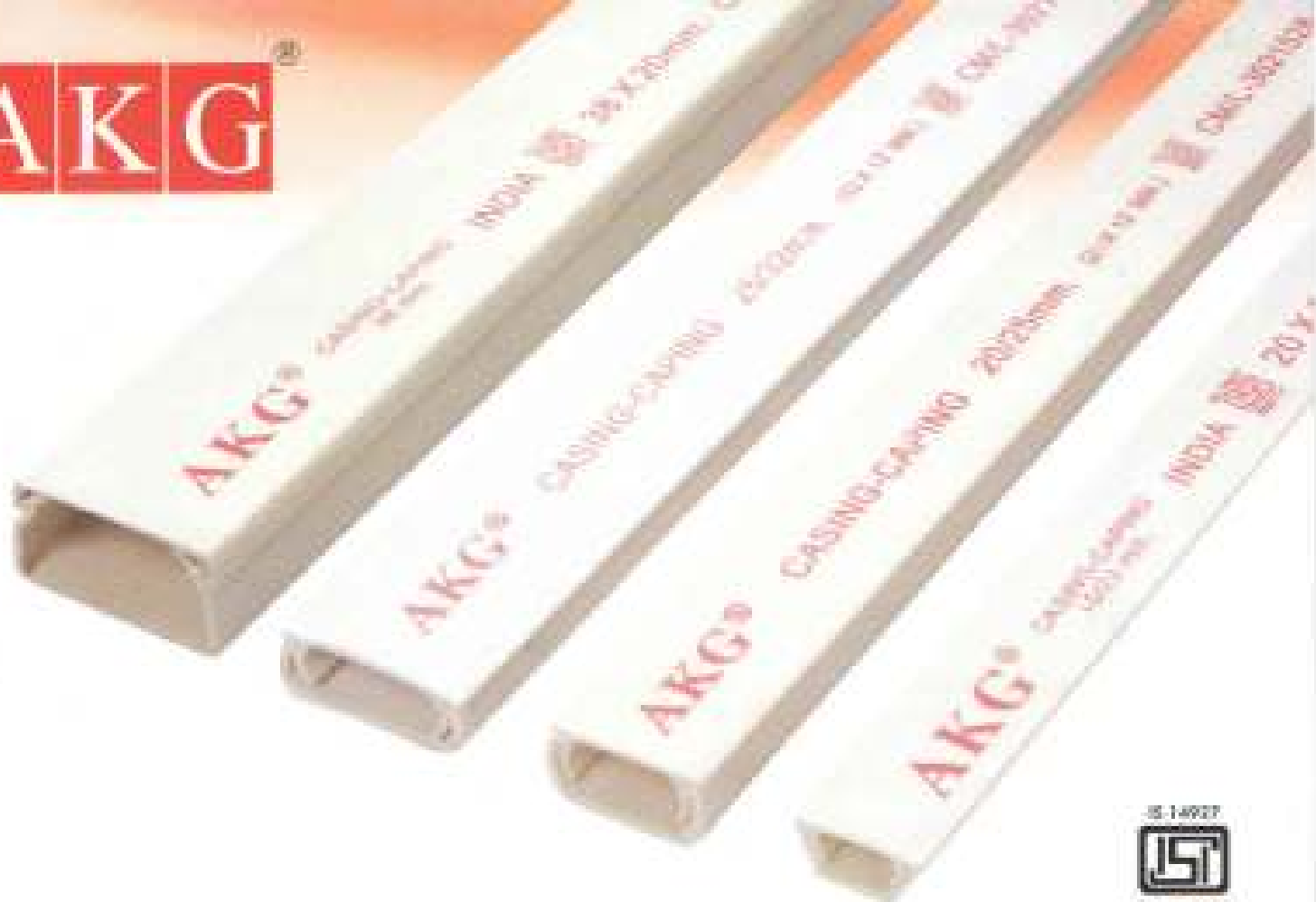
Description	Sizes (in mm)
1. Coupler	20x12, 25x12, 32x12
2. External Bend	20x12, 25x12, 32x12
3. Internal Bend	20x12, 25x12, 32x12
4. 3 way Tee	20x12, 25x12, 32x12
5. Elbow	20x12, 25x12, 32x12
6. Junction Linkers	75 x 75



AKG INDUSTRIES

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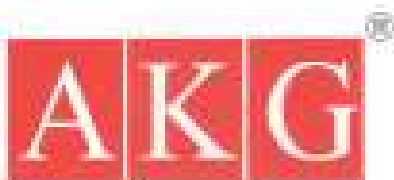
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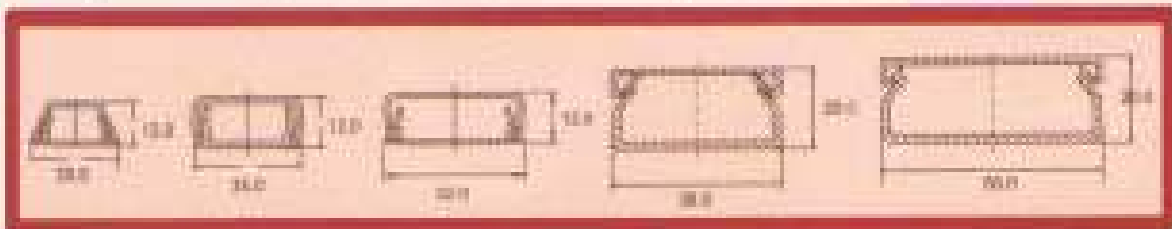
Salient Features:

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- Unplasticised formulation ensure no change in dimension/shape even after prolonged use/storage.
- Many sizes to suit different applications.
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Trunking Dimension & Packing

Size in mm	Size in inches	Inner Dimensions	Outer Dimensions	Height	Wall Thickness	Packaging
12-20 mm	1/2"	12mm	20mm	12mm	1.2mm	100pcs
20-25 mm	3/4"	20mm	25mm	12mm	1.2mm	100pcs
25-32 mm	1"	25mm	32mm	32mm	1.2mm	100pcs
32-38 mm	1.5"	32mm	38mm	38mm	1.2mm	50pcs
45-50 mm	2"	48mm	50mm	50mm	1.5mm	50pcs



Mechanical Properties

- Tensile Strength : 190-420 kg./cm Ref ASTM D638
- Specific Gravity : 1.3 - 1.4 (ASTM D 792)
- Hardness : 70-75 D (Dum ASTM D 2240)

Thermal Properties

- Working Temp. : 60°C - 65°C
- Flammability : UL 94V-0
- Burning Rate : Self-extinguishing (ASTM D 635)
- Flame die out time : Less than 30 seconds

Chemical Properties

- Water absorption : 0-10 - 0.3% weight in 24 hrs. (ASTM D 150)
- (Effect of acid & alkali) : highly resistant (ASTM D540)

Electrical Properties

- Dielectric constant : 1.7 - 2.00 (ASTM D 150)
- Insulation Resistance : More than 100 megohms.
- Electric Strength : No Breakdown of 2 Kv x 50 Hz. for 15 Minutes

Description	Size (In mm)
1. Coupler	20x12, 25x12, 32x12
2. External Band	20x12, 25x12, 32x12
3. Internal Band	20x12, 25x12, 32x12
4. 3 way Tee	20x12, 25x12, 32x12
5. Elbow	20x12, 25x12, 32x12
6. Junction Linkers	75 x 75



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