

IS 9537



Part-3

konseal[®]

From an ISO Certified
manufacturing
Company



**Tough.
Resilient.**

- PVC Trunking
- PVC Wiring Pipes
- PVC Channels
- PVC Fittings



Only virgin PVC goes into the making of **konseal**[®] - offering better quality, better fire resistance, better shock resistance and 100% recyclable, thus making it environment friendly.

Tough. Resilient.

The **konseal**[®] range of high quality PVC products are brought to you by one of South India's top manufacturing houses. **konseal**[®] specializes in PVC Wiring Pipes, Fittings, PVC Channels and PVC Trunking.

konseal[®] has become the product of choice for responsible engineers and quality conscious end-users alike. With its highly organised network of dealers, it is not surprising that **konseal**[®] rules for wide spread availability, reliability and affordability. Like the material that **konseal**[®] dedicates itself to PVC, the company has proven itself to be tough enough to withstand market pressures - and resilient enough to adapt to all kinds of market conditions.



Recognition for Quality



BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Government of India)

Kerala Branch Office



Approvals

konseal[®] has won approvals from Government departments like | PWD (Govt. of Kerala) | CPWD (Govt. of India) | Directorate General of Supplies & Disposal (Govt of India) | Indian Railways | BSNL | Military Engineering Service | Cochin Port Trust | Cochin International Airport Ltd. (CIAL) | Cochin Shipyard

Various associations like | Kerala Electric Traders Association (KETA) | Kerala Electric Wiremen and Supervisors Association (KEWSA) | AKLSWA and ESLWA too have recommended **konseal**[®]

ISO Certification

Tubes & Tubings has become an ISO Certified unit in October 2004. Certification was done by Intertek Certifications Limited, UK under UKAS accreditation, which is one of the prestigious accreditation boards worldwide.

Conduit Installation - Methods Surface Installation

In surface installation, the conduit is fixed using saddles or spacer bar saddles. The maximum recommended spacing between the saddles is 1.0 m for the horizontal conduit runs and 1.25 m for vertical conduit runs. Saddles should be fixed 20 cm on either side of bends or boxes. As PVC conduit expands, with increasing temperatures, for expansion/contraction movements in long straight runs, the use of an expansion coupling is recommended every 6 m to absorb expansion and avoid conduit buckling.

Get connected and protected!

konseal® PVC Channels & Trunking



konseal®



PVC TRUNKING WITH DOUBLE LIFE

- Features:
- Made of 100% virgin PVC
 - Suitable for A/c pipe ducting
 - 100x50 mm designed for fixing switches easily
 - Suitable for all cabling solutions

Available Sizes: • 100x50 mm • 50x50 mm • 38x38 mm

Unsightly computer cables, intercom and EPABX cabling can be securely and aesthetically routed through **konseal®** range of PVC channels and trunking manufactured to international standards. **konseal®** PVC Channels and Trunking are long lasting, working efficiently. These channels and trunking offer the snap locking facility and withstands temperature up to 60° C and Voltage up to 2000 volts. They are also fire and impact resistant. All these features make **konseal®** PVC Channels and trunking extra ordinarily special.

konseal® PVC Channels are available in sizes of 12x20mm, 12x25mm, 12x32mm, 16x38mm and 16x50mm

CHANNELS		
Size (mm)	Standard Length (mtrs)	PCS / Pack
12 x 20	2.00	150
12 x 25	2.00	100
12 x 32	2.00	50
16 x 38	2.00	50
16 x 50	2.00	40

konseal® PVC Channels & Trunking with perfect locking system

Dimension - Channels



Dimension - Trunking



Description

konseal® Channels & Trunking consist of clip-on lid. It is fitted to the body simply by pressing it along its front face. The lid is removed by lifting it from the body at one end and then simply peeling it away. The lid closing mechanism is designed to give a securely closed installation, yet easily accessible for maintenance or modifications. International standards stipulate a maximum of 45% of the inside space of channels and trunking that can be occupied by cables.

Fixing

Holes are drilled on the base of the body. It is mechanically fixed to the desired surface using flat head screws. The distance between the fixing

centres should not be more than 40 cm. And it should be not more than 15 cm from the end of a straight run.

Jointing

A fine toothed tenon saw and mitre block should be used to cut the channels and trunking. This will ensure accurate clean cuts, leading to an easy and efficient installation. In all straight joints, it is important to stagger the joints of the channel and trunking body and lid to give a better protection and reduce joint visibility. On straight runs longer than 6 m, allowance for expansion must be made. For corners, the channels and trunking must be mitred and for T-joints it must be slotted for cable entry.

Our client list:

- Asset Homes
- Cochin International Airport Ltd.
- Cochin Port Trust
- Cochin Shipyard
- Crescent Builders, Calicut
- CPWD. Govt. of India
- Godrej and Boyce
- Kannur International Airport Ltd.
- KITCO
- Landmark Builders, Calicut
- Malabar Cancer Centre, Thalassery
- Matha Amrithanandamayi Math
- Naval Base, Cochin
- PWD. Govt. of Kerala
- Ramada Hotel, Trivandrum
- RDS Projects Ltd.
- Skyline Builders
- Southern Railway

This list is not comprehensive

Excelling in all arenas - Our sister concerns include:

Lakshmi Polymers

Manufacturers of PVC Garden Hoses.

Chloroplast

Manufacturers of Shakthiman Super PVC Pipe Fitting.
www.shakthimansuper.com

Millennium Rubber Technologies (P) Ltd.

Manufacturers of Rubber Rice Rollers &
Moulded Automobile Components.
www.mrtpl.in

Centre for Research and Consultancy

Management consultancy and Marketing Research
www.crckochi.com

Shakthiman Extrusions Pvt. Ltd.

Manufacturers of Shakthiman Super PVC Pipes
www.shakthimansuper.com



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**PVC Trunking | PVC Wiring Pipes
PVC Channels | PVC Fittings**



Marketing Office: 3rd Floor, Khadi & Village Ind. Federation Building, Padivattom,
Edappally PO., Cochin - 682 024, Kerala. Tel: 0484-2808308 / 2808708 / 2808908

Factory: Akanad, Mudakuzha PO., Ernakulam - 683 546, Kerala. Tel: 0484-2649708 / 2649808 / 2641608

konseal PVC Profiles Pvt. Ltd.

Factory: Plot No 10, INKEL Business Park, Angamaly, Ernakulam - 683 573, Kerala.

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Customer care: 93886 19940

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