



# KIT KATH

## I.V. CANNULA


PTFE based range, each designed to meet specific infusion needs



# FEATURES

- Made of PTFE catheter (Poly Tetra Fluoro Ethylene).
- Provided with special low pressure injection valve.
- One way retreating valve to facilitate extra medication and while preventing back flow.
- Medicine can be injected by a syringe without needle thereby reducing chances of infection and preventing needle stick injuries. Cost of needle is also saved.
- The port is provided with specially designed easy to open Injection Port Cap.
- It offers safe and convenient method of atraumatic administration of medicines.
- Angled & grooved wings offer easy fixation, preventing shifting & rolling of cannula in the patient’s body.
- Disposable, sterile, non-pyrogenic and non-toxic.

Colour Code	Gauge	Catheter Ext. Dia x Length (mm)	Water flow-rate (ml/min)
Orange	14G	2.2 x 45	310
Grey	16G	1.7 x 45	200
White	17G	1.5 x 45	140
Green	18G	1.2 x 38	105
		1.2 x 45	100
Pink	20G	1.0 x 32	64
Blue	22G	0.8 x 25	38
Yellow	24G	0.7 x 19	16
Violet	26G	0.6 x 19	12

- Conforms to : ISO 10555-1 & ISO 10555-5 standard.
- Before use check the integrity of the sealing of the pack, if  the pack is previously opened or damaged do not use.

## Caution

- Needle extra sharpness and thin catheter wall requires lower force and less angle to body during cannulation to avoid cross puncture of vein.
- For low blood pressure patients 2-3 seconds required for blood to reach flash back chamber of needle hub.

# COMPONENTS

## Introducer Needle

- Siliconised, bevelled, back cut ground stainless steel needle for smooth and comfortable venepuncture.

## Needle Hub

- Allows blood flash back visualisation.
- Thumb rest for proper grip insertion

## Needle Cover

- Protects the needle & catheter from contamination.
- Prevents accidental damage to catheter and needle.

## Catheter

- Made of virgin PTFE (Poly Tetra Fluoro Ethylene) double tapered beveled tip, siliconized catheter.

- The double-tapered formation of catheter and beveled tip of Cannula is designed to reduce trauma and peel-back.

- High resistance to kinking without compromising biocompatibility.

- Minimum resistance during insertion due to low coefficient of friction.

- High chemical resistance reduces the chances of thrombogenicity.

- Thin wall of the catheter allows maximum flow rate for a specific gauge of cannula.

- Optimum trim distance to minimise the problem of ‘peel-back’ during insertion.


## Flash Back Chamber

- Flash back chamber allows monitoring of rapid flash of blood after venipuncture and identification of correct catheter placement.
- Specially designed to prevent any spillage of blood.

## Blister Package

- The I.V. Cannula is packed in rigid blister and sealed in peel open type medical grade paper packing.



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