

Pipe Application Drainage & Waste Water SNI Standard



RUCIKA
LITE





RUCIKA LITE

With the increase of awareness of a green and healthy environment, **RUCIKA LITE** is a PVC piping system designed to replace open waste disposal systems. **RUCIKA LITE** comes as an option for owners, consultants, and contractors to answer the needs of an integrated waste disposal system in a rapidly urbanizing and growing city.

Advantages and Benefits

- **International Quality**
- **Strong and Does Not Break Easily**
Contains PVC resin and additives.
- **The Most Complete Waste Water Disposal System**
Pipes, fittings, and accessories are widely available in various sizes according to SNI standard.
- **Assembly is Fast and Easy**
Rubber ring joint / push fit joint connection system.
- **Lightweight**
Easy to be transported and assembled!
- **Durable**
Made from Poly Vinyl Chloride which is non-corrosive and abrasion-resistant.
- **Smooth Surface**
The inside surface of the pipes is smooth, minimizing pressure losses.
- **Chemical Resistant**
Especially durable against a wide array of extreme chemicals.

Product Variant



Types	Diameter		Thickness (mm)	Effective Length (m)
	Inch	Mm		
Type A	3	90	1.8	6
Type B	3	90	3.2	6
SDR 41	4	110	3.2	6
	6	160	4.0	6
	8	200	4.9	6
	10	250	6.2	6
	12	315	7.7	6
	16	400	9.8	6
	20	500	12.3	6
	24	630	15.4	6

Other than being available in various sizes, **RUCIKA LITE** also have a complete set of accessories and fitting injections, providing you with freedom to design an integrated waste disposal system as you see fit.

System Application

RUCIKA LITE is used as an underground pipe system for a network of waste and rainwater disposal. Perfectly suitable for residential, commercial, and industrial areas.

Quality Standard

Refers to this standard:

- ISO 4435:1991 : Plastics piping systems for non-pressure under ground drainage and sewerage- Unplasticized Poly Vinyl Chloride (u- PVC).
- SNI 06-0162-1987 : PVC pipe for wastewater disposal pipeline inside and outside of the building.
- SNI 06-0178-1987 : PVC pipe fittings for wastewater disposal pipeline inside and outside of the building.

Material Properties

Density	= 1.40 g/cm ³
Coefficient of linear Expansion	= 8×10^{-2} mm/m.°C
Thermal conductivity	= 0.15 W/m.°C
Modulus of elasticity	= 3000 N/mm ²
Surface resistance	> 10 ¹² Ohm

Characteristics of the Materials

RUCIKA LITE is made from uPVC which has desirable qualities such as: thermoplastic, non-corrosive, non-water-soluble, good isolator, strong, and lightweight.

Jointing Procedure

1. Add a chamfer (15°) to the pipe spigot which will be connected.
2. Clean the surface of the spigot and socket from any dust and dirt.
3. Measure the depth of the socket and mark the spigot.
4. Attach the rubber ring to its place with the lip facing inwards.
5. Apply lubricant to the RRJ socket and half of the length of the spigot which has been marked.
6. Position the spigot pipe on one axis with the pipe socket end piece or its fitting piece.
Then, twist them both slowly until they reach the mark.



PT. GOLDEN PIPING INDONESIA

Piping System Solution

Kawasan Multiguna Blok B1/5 Pakualam, Serpong Utara
Tangerang Selatan 15325 Banten - Indonesia
Telp. : +62 21 2292 7700, 2292 7788
Email : info@depopipa.com

 PT. Golden Piping Indonesia Official
 PT. Golden Piping Indonesia
 [goldenpipingindonesia](https://www.instagram.com/goldenpipingindonesia)
 www.goldenpiping.id
 www.depopipa.id