

### **Your insurance against**

- Power thefts by hooking
- Power Outages due to short circuit
- Untoward electrocutions

### ■ **Anti-theft**

Designed with material properties to prevent tapping of overhead bare lines by hooking and other means.

### ■ **Outage Prevention**

Designed to prevent electrical outages caused by trees coming in contact with overhead lines.

### ■ **Untoward Accidents**

Designed to provide necessary insulating cover on bare conductor to prevent accidents due to electrocution.

### ■ **Cost Effective**

Designed to insulate existing bare overhead lines without costly replacement expenditure.

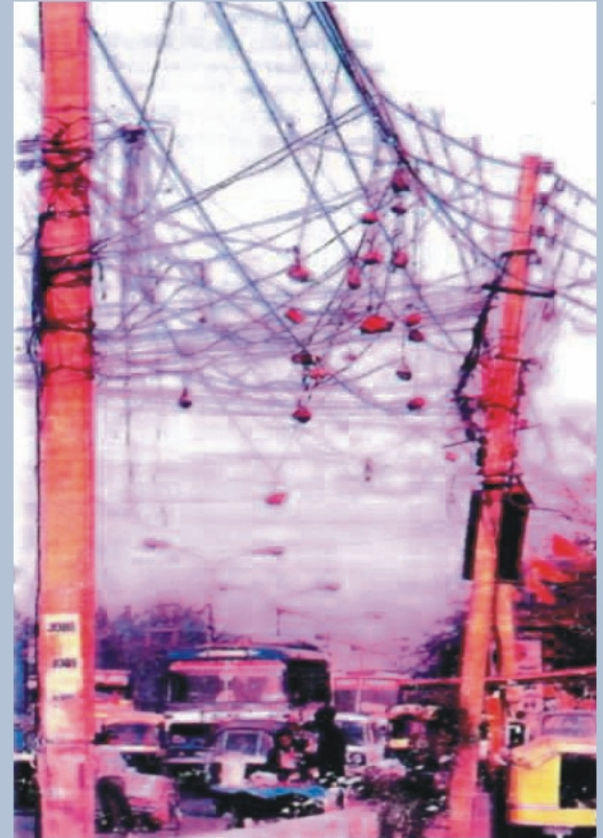
### ■ **Live consistent Installation**

Possible to install in live conditions with help of special tools.

### ■ **Key Product Features**

- Excellent UV resistance
- Good abrasion resistance
- Resistance to bird excrement
- Light in weight
- Good fire resistant properties
- Good dielectric strength
- Easy to install
- Unlimited shelf life
- Maintenance free

**Anytime, anywhere installation**  
**Low cost, minimum hassles**



**Power theft in India by conductor hooking  
Rs.5000 crores per year!!!**

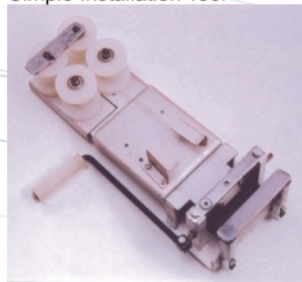


### Product Performance & Material Properties

Properties	Performance Parameter	Test method	Requirements
Electrical	AC Withstand (Dry) - 1 min	IS: 14255: 1995	3kV
	AC withstand (Wet) - 1 min	IS: 14255: 1995	3kV
	Dielectric Strength	IS: 2584	100kV/cm.
	Volume Resistivity 27 C	IS: 14255: 1995	1 X 10 <sup>13</sup> ohm.cm
Physical	Tensile Strength	IS :14255: 1995	12.5N/mm <sup>2</sup>
	Ultimate Elongation	IS :14255: 1995	200%
	Secant Modulus - 23 C	ASTM D882	100Mpa
	Secant Modulus - 80 C	ASTM D882	103Mpa
	Secant Modulus- 0 C	ASTM D746-95	445Mpa
	Low temperature Impact	ASTM D746	No Cracking
	Abrasion resistance	1000 Cycles 2068kg	20% max thickness loss
Thermal	Accelerated Ageing	IS :14255: 1995	
	- Tensile strength variation - Elongation variation		+ 25% + 25%
	Thermal Endurance	IEC 216	105 C
Chemical	Water Absorption 14 days- 85 C	IS :14255: 1995	1mg/cm <sup>2</sup>
	Corrosive effect	ASTM D2671	No Corrosion
	Bird Excrement	ASTM D638	
	- Tensile strength - Ultimate elongation		8.5 Mpa 100%
	Cable Grease	ASTM D638	
	- Tensile strength - Ultimate elongation		8.5 Mpa 100%
	Hot Set	IS: 14255: 1995	
	- Elongation under load - Permanent Elongation Shrinkage	IS: 14255: 1995	175% 15% 4% max

All the above information, including drawings, illustrations & graphic designs, reflects our present understanding and is to the best of our knowledge & belief correct & reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for this product is set forth in our standard terms and conditions of sale. Polipro is a trademark of Raychem RPG Limited.

Simple Installation Tool



Packed in convenient lengths



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