



## TECHNICAL SPECIFICATION

<b>Product</b>	Tiger Tails <sup>®</sup> – (Torapoli Pipe)		
<b>Composition</b>	High Density Polyethylene (HDPE)		
<b>Colour</b>	Black & Red stripe		
<b>Part Numbers &amp; sizes</b>	Short Tiger Tails: DB35ARB125HV – Black/Red, 1.25m, 35mm I.D, 20 lengths per box. Regular Tiger Tails: DB35ARBHV – Black/Red, 2.5m, 35mm I.D, 20 lengths per box.		
<b>General Description</b>	A high grade HDPE split tube pipe material. Industry standard pipe, with unique high visibility striped patterns. Various size options as above. Eyelet in bell housing, interlocking male to female. Excellent resistance to UV and weathering. Suitable as electrical insulation PPE, mechanical protection and visual warning on power lines and conductors.		
<b>Chemical Properties</b>	Excellent resistance (no attack) to dilute and concentrated Acids, Alcohols and Bases. Good resistance (minor attack) to Aldehydes, Esters, Aliphatic and Aromatic Hydrocarbons, Ketones and Mineral and Vegetable Oils. Limited resistance (moderate attack and suitable for short term use only) to Halogenated Hydrocarbons and Oxidizing Agents.		
<b>Electrical Properties</b>	<b>Value</b>	<b>Units</b>	<b>Standard</b>
Maximum use*	14.6	KV	ASTM-F712
Maximum use**	8.4	KV	ASTM-F712
Batch tested to	13	KV	ASTM-F712
Conforms with	ASTM-F712	Class 2, Type 1, Grade 3***	ASTM-F712
<b>Mechanical Properties</b>	<b>Value</b>	<b>Units</b>	<b>Standard</b>
Tensile Strength	~15	N/mm <sup>2</sup>	BS903 A2
Elongation	~550	%	BS903 A2
Tear Strength	~120	N/mm	AS-1683.12
Puncture Resistance	~100	N/mm	AS-4202
Izod Impact Resistance	~115	J/m	ASTM-F712
Water Absorption	~0.05	%	ASTM-F712
Temperature Range	-25 - 110	Degrees Celsius	-

\*Brush contact phase to phase when both phases covered.

\*\*Brush contact phase to ground.

\*\*\*Our pipe does not come with rope loops.