

## DW



Dasheng Double Wall tube consists of an outer semi-conducting layer (black) and an inner insulating layer (red). Both layers are co-extruded for perfect bonding and performance. One tube serves as both insulation and screen, replacing two separate tubes that were used in older systems. The tubings are suitable for applications up to 36kV and the maximum delivery length is 1000mm.

### SPECIFICATIONS

Sr	Property	Test Method	Typical Value
<b>Outer semi-conducting layer</b>			
1	Specific Gravity	ASTM D792	1.0
2	Tensile Strength	ASTM D412	12 N/mm <sup>2</sup>
3	Elongation	ASTM D412	300%
4	Water absorption	ASTM D570	< 0.5%
<b>Inner insulating layer</b>			
1	Specific Gravity	ASTM D792	1.0
2	Tensile Strength	ASTM D412	15 N/mm <sup>2</sup>
3	Elongation	ASTM D412	350%
4	Water absorption	ASTM D570	< 0.5%
5	Volume Resistivity	ASTM D257	1 x 10 <sup>14</sup> Ω - cm
<b>Finished product</b>			
1	Heat Shock @ 200°C	ASTM D2671	Passes
2	Low Temp. Flexibility @ -20°C	ASTM D2671	Passes
3	Longitudinal Change	ASTM D2671	Inside 10%
4	Wall thickness ratio	ASTM D2671	> 0.6

### RANGE & DIMENSIONS

Item Code	I.D As supplied (mm)	I.D After recovery (mm)	Wall Thickness After recovery (mm)
DW 35/12	35	12	6.00
DW 45/15	45	15	6.00
DW 55/18	55	18	6.00
DW 65/25	65	25	6.50
DW 85/30	85	30	6.50
DW 100/38	100	38	6.50
DW 120/45	120	45	7.00
DW 140/50	140	50	7.00