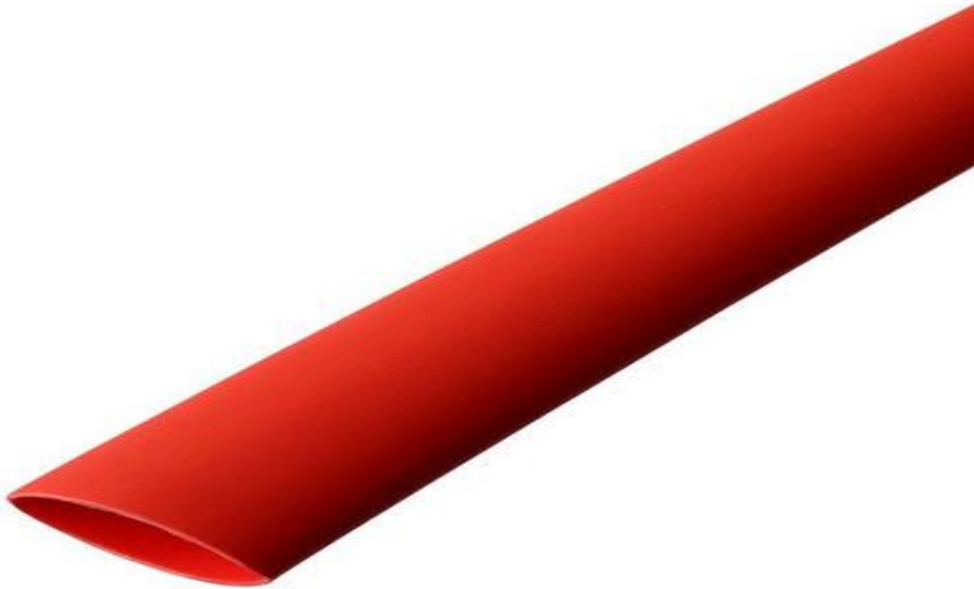


# DATA SHEET



PCA-DS-002

PGT - HIGH INSULATION TUBING



## Typical Application: MV Cable Joints

The tubing provides an excellent insulating cover over the connection of jointed single and multicore cables. Tubing is used in joints for cables with solid dielectric XLPE, rubber, PVC or PILC (MI/MIND) insulation.

The tubing is normally used in Cable Joints for voltages > 1 kV.  
It is available in various sizes, generally expanded in the ratio 2.5+:1 to make it range taking.

Test Parameters	Test Method	Test Requirement
Tensile strength	ASTM D 2671	12 MPa min.
Ultimate elongation	ASTM D 2671	200% min.
Volume resistivity	IEC 93	$10^{14}$ $\Omega$ .cm min.
Dielectric strength	IEC 60243	20 kV/mm (1.0 mm) min.
Water absorption	ISO 62	0.5% max.

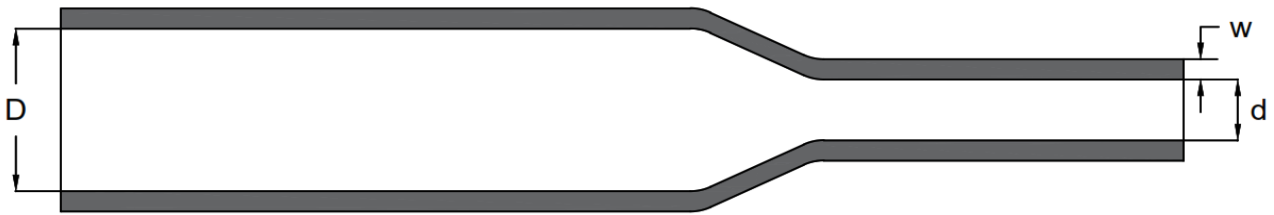
# DATA SHEET



PCA-DS-002

PGT - HIGH INSULATION TUBING

**DIMENSIONS:**



**PGT**

Size (mm)	As Supplied (mm)	After Recovered (mm)		Standard Length
	D (Min.)	d (Max.)	w (Min.)	
35/12	35	12	3.2	1.0-1.5 m
45/14	45	14	3.5	1.0-1.5 m
52/15	52	15	3.9	1.0-1.5 m
55/18	55	18	3.9	1.0-1.5 m
66/20	66	20	4.4	1.0-1.5 m
75/25	75	25	4.7	1.0-1.5 m
95/30	95	30	4.7	1.0-1.5 m