

PRODUCT SPECIFICATION SHEET

Product Name: Heat Shrink End Caps with Valves

Property		Test Method	Values
Operating Temperature Range	n/a		-55°C to 110°C (-67°F to 230°F)
Shrink Temperature	n/a		120°C (248°F)
Tensile Strength	ISO 37		14 MPA minimum
Ultimate Elongation	ISO 37		400% minimum
Specific Gravity	ISO 1183		1.95 maximum
Electric Strength	IEC 243		15KV/mm minimum
Corrosion(Copper Contact and Cop- per Mirror)	ASTM D2671		No corrosion
Water Absorption	ISO 62		0.5% maximum
Fluid Resistance Gasoline Lubricating Oil Hydraulic Fluid Water - Tensile Strength - Ultimate Elongation	ISO 1817 ISO 37		 8.8 MPA minimum 400% minimum
Fungus Resistance	ISO 846		No fungal growth

Material	Alternate Name	Limiting Oxygen Index (LOI)	Category
ECTFE (Ethylene chlorotrifu- oroethylene)	Halar	64%	Self-Extinguishing
Nomex	N/A	28%	Slow Burning
Nylon 6:6	N/A	Ranges from 24-29%	Slow Burning to Self-Extinguishing
PET (Polyethylene Terephthalate)	Mylar (film), Dacron (fiber)	Ranges from 21-34%	Slow Burning to Self-Extinguishing
Polyethylene (PE)	N/A	17%	Flammable
Polypropylene (PP)	Polythene (in the UK)	17%	Flammable
Polytetrafluoroethylene (PTFE)	Teflon	95%	Self-Extinguishing
Polyvinyl Choride (PVC)	N/A	Ranges from 45-49%	Self-Extinguishing