



Insultube-Commercial (GSF) is heat shrinkable tubing, used in the installation of Fibre Optic Closure. These tubes are designed to insulate & seal the inlet of Cable to the base of Fibre Optic Closure.

It is manufactured from high quality cross linked polyolefin material.

Typical Features :

- Excellent resistance to weathering, moisture, contamination and adverse environmental conditions.
- Hot melt adhesive provide perfect environmental seal on cable sheath.
- Excellent resistance to UV rays, Ozone, Chemicals & Solvents.
- Lightweight and flexible.
- Provides mechanical strain relief.
- Easily re-enterable.

Technical Specification

PROPERTIES	VALUE	STANDARD
PHYSICAL		
Tensile Strength	11 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	350 % (min)	ASTM D638
Longitudinal Change	-10% (max.)	ASTM D2671
Water absorption	0.5 % (max.)	ASTM D570
THERMAL		
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671
Tensile Strength	11 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	300 % (min.)	ASTM D638
Low temperature Flexibility (-40°C for 4 hrs.)	No cracking	ASTM D2671
Heat Shock (250°C for 30 min.)	No cracking or flowing	ESI 09-11
Shrink Temperature Limit	125°C	IEC 216
Continuous Temperature Limit	-40 to +110°C	IEC 216
ELECTRICAL		
Dielectric Strength	12 KV/mm.(min)	ASTM D149
Volume Resistivity	1 x 10 ¹⁴ Ohm.cm (min)	ASTM D257
Dielectric constant	5 (max.)	ASTM D150

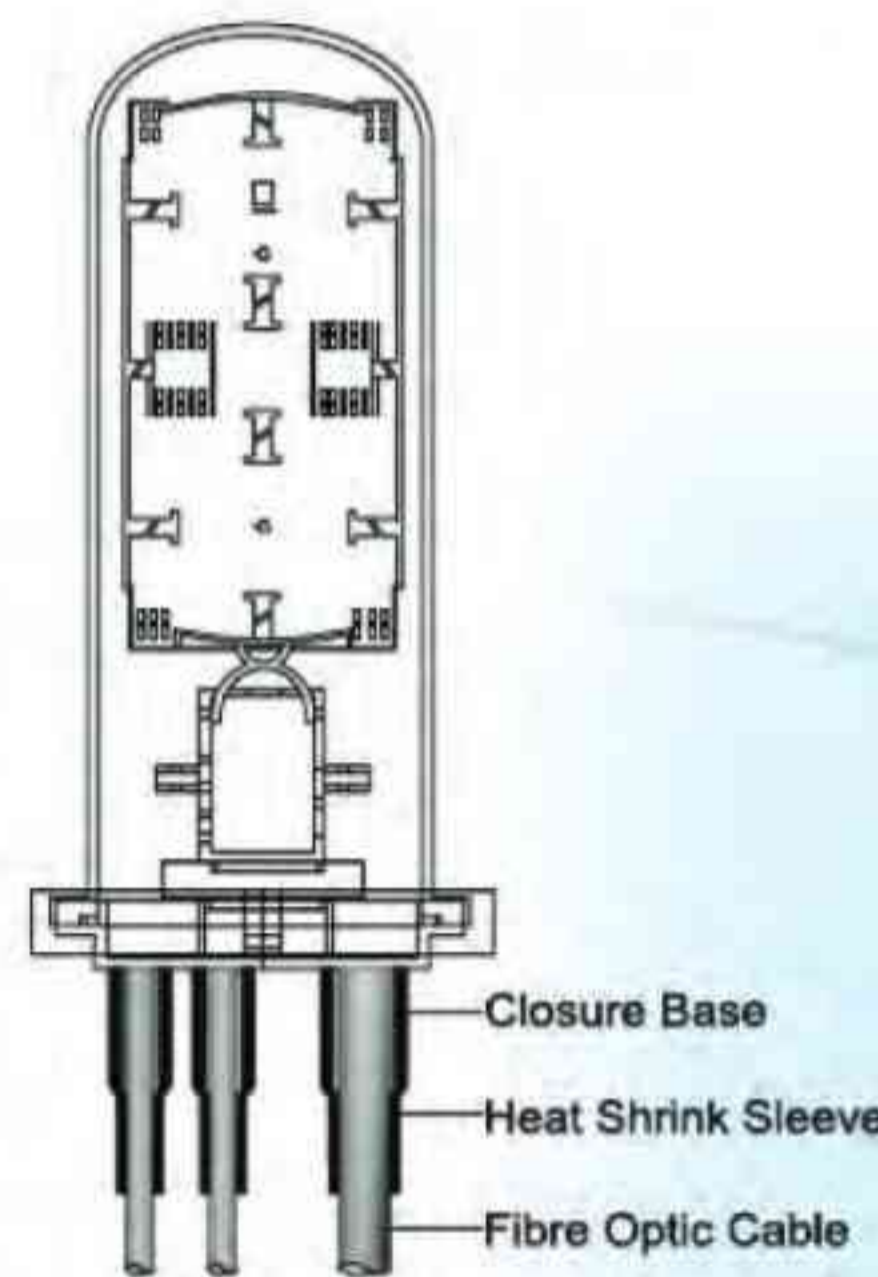
Selection Chart

CODE NO.	DIAMETER		T (±10%)
	SUPPLIED	RECOVERED	RECOVERED
GSF 12/4	12	4	2.0
GSF 17/6	17	6	2.0
GSF 30/8	30	8	2.5
GSF 35/12	35	12	2.5
GSF 40/16	40	16	2.5
GSF 50/20	50	20	2.5
GSF 65/22	65	22	2.5
GSF 75/25	75	25	3.0

D,d : Internal Diameter

All dimensions are in mm

Technical Qualification Report : QR 1026



Ordering Information

