

Features

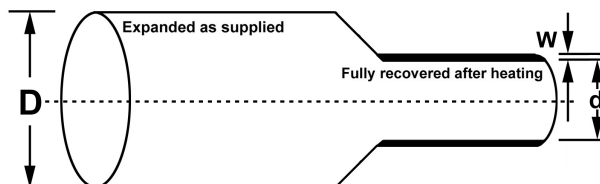
- **2:1 minimum Shrink Ratio**
- **Continuous Operating Temperature:**
-55°C to +135°C
- **Flame Retardant**
UL VW-1, -F-mark.
- **Resistant to Common Fluids and Solvents**
- **Approved to UL 224 VW-1;
MIL-I-23053/5 Class 1 & 3;**
- **Shrink Temperature 90°C**

ORDER REF. NO. IGY-2135	EXPANDED	RECOVERED		STANDARD LENGTHS
	INTERNAL DIAMETER D (MIN)	INTERNAL DIAMETER d (MAX)	WALL THICKNESS W (NOM)	
	mm	mm	mm	
1.6	1.6	0.79	0.36	200
2.4	2.4	1.17	0.43	200
3.2	3.2	1.57	0.43	200
4.8	4.8	2.36	0.43	100
6.4	6.4	3.18	0.56	100
9.6	9.6	4.75	0.56	100
12.7	12.7	6.35	0.56	50
19.1	19.1	9.53	0.69	50
25.4	25.4	12.70	0.76	50
38.1	38.1	19.00	0.86	50
50.8	50.8	25.4	1.05	30
76.2	76.2	38.1	1.14	30

Other sizes available on request

Electrical Properties		
Dielectric Strength	ASTM D-2671	min19.7kV/mm)
Volume Resistivity	ASTM D-876	min10 ¹⁴ Ohm-cm
Chemical Properties		
Fluid Resistance	MIL-I-23053	Good to excellent
Copper Corrosion	MIL-I-23053	No Corrosion
Flamability (VW-1)	UL224	Pass
Fungus Resistance	ASTM G-21	No Growth

Property	Test Method	Performance (Typical)
Tensile Strength	ASTM D-638, MIL-I-23053	Min 1.1kgf/mm2
Elongation	ASTM D-638, MIL-I-23053	200%
Secant Modulus	ASTM D-882	max 173Mpa
Specific Gravity	ASTM D-792, ISO R1183	1.3
Restricted Shrinkage	ASTM D-2671	No cracking
Elongation after Heat Ageing (168hrs @ 175°C)	ASTM D-638, MIL-I-23053	Min 100%
Heat Shock	MIL-I-23053	Pass
Low Temperature Flexibility (4hrs @ -55°C)	MIL-I-23053	No cracking
Flammability	UL224	Flame retardant



STANDARD COLOURS	
Yellow/Green Stripe	

All information contained in this leaflet is believed to be reliable. We advise however that customers should separately evaluate the suitability of the products for their particular application. Heatshrink Solutions Limited give no guarantees in respect of the accuracy or sufficiency of the information presented and disclaim any liability regarding its use. In no instance will we be liable for any eventual, indirect, or consequential damage or damages arising from the sale, resale, transfer, use or misuse of the product.