

SPECIAL TUBING / ARSGY

Oil resistant

- Manufactured from cross-linked polyolefin.
- Mainly used in PILC cable terminations and joints, offering oil resistance, insulation and sealing protection.
- Oil resistant
- Translucence



Spec.	As Supplied/mm		After Recovered/mm		Standard Length/mm
	Inner Diameter (mm)	Wall Thickness (±0.3)	Inner Diameter (mm)	Wall Thickness (±0.3)	
ARSGY-20/8	20	0.7	8	1.8	300-1000
ARSGY-30/11	30	0.7	11	1.8	300-1000
ARSGY-35/12	35	0.7	12	2.0	300-1000
ARSGY-40/17	40	1.0	17	2.2	300-1000
ARSGY-50/22	50	1.7	22	3.7	300-1000
ARSGY-60/23	60	1.4	23	3.7	300-1000
ARSGY-75/29	75	1.1	29	2.8	300-1000
ARSGY-85/30	85	0.9	30	2.8	300-1000
ARSGY-100/38	100	1.1	38	3.0	300-1000
ARSGY-120/45	120	1.1	45	3.0	300-1000

Property	Test Method	Typical Data
Tensile strength	ASTM-D-638	≥10MPa
Elongation at Break	ASTM-D-638	≥350%
Tensile Strength Variation After Heat Aging (130°C x 168 h)	ASTM-D-5510	≤±20%
Elongation at Break Variation After Heat Aging (130°C x 168 h)	ASTM-D-5510	≤±20%
Tensile Strength Variation After Oil Resistance (80°C Cable Oil, 168 hrs)	ASTM-D-538	≤±20%
Elongation at Break Variation After Oil Resistance (80°C Cable Oil, 168 hrs)	ASTM-D-538	≤±20%
Volume Resistivity	IEC 60093	≥1x10 ¹⁴ Ω.cm
Dielectric Strength	IEC 60243	≥20kV/mm
Dielectric Constant	IEC 60250	≤4
Hardness (Shore A)	ISO 868	≥80
HeatShock	160°C 4 h	No Crack

We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. KACAB shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.