

MEDIUM & HEAVY WALL TUBING



AMW-2
AMW/AMWA
AHW/AHWA
AHWA-6X
ACPT
ACTV
AMWA-FR
AHWA-FR
AWAS
ALV KITS

MEDIUM & HEAVY WALL TUBING SELECTION GUIDE

Part number	Description	Ratio	Temperature	Zero Halogen	RoHS	UL VW1	Flame retardant	Waterproof	Page
AMW-2	Semi-flexible medium wall tubing in spool	>3:1	110°C	No	Yes	No	No	No	31
AMW/AMWA	Medium wall tubing (AMW), adhesive lined (AMWA)	>3:1	110°C	No	Yes	No	No	Yes	32
AHW/AHWA	Heavy wall tubing (AHW), adhesive lined (AHWA)	>3:1	110°C	No	Yes	No	No	Yes	33
AHWA-6X	Heavy wall tubing, adhesive lined, 6:1 shrink ratio	6:1	110°C	No	Yes	No	No	Yes	34
ACPT	Corrosion protection tubing with mastic coating	3:1	110°C	No	Yes	No	No	Yes	35
ACTV	Special tubing/adhesive lined designed for CATV application	3:1	110°C	No	Yes	No	No	No	36
AMWA-FR	Medium wall tubing, adhesive lined, Flame retarded	3:1	110°C	No	Yes	No	Yes	Yes	37
AHWA-FR	Heavy wall tubing, adhesive lined, Flame retarded	3:1	110°C	No	Yes	No	Yes	Yes	38
AWAS	Wrap-around repair sleeve	3:1	N/A	No	Yes	No	No	Yes	39
ALV KITS	Low voltage kits for cable joints	N/A	N/A	N/A	N/A	N/A	N/A	N/A	40



Applications

AMW-2 is semi-flexible medium wall heat shrinkable tubing with continuous length. Suitable for a variety of low voltage electrical and mechanical applications. Designed for applications to seal and protect 1kV power cable terminations and joints.

Features

High electrical insulation. High resistance to impact, abrasion and UV.
Provides excellent mechanical protection to cable joints and terminations.
3:1 shrink ratio allows it to fit over irregular shape and large connectors.

Various

Operating temperature : -55°C to +110°C
Shrink temperature: minimum full temperature 120°C
Resistant to UV-radiation.

Standard colors: Black. Special color: Red.
Packaging: Spools as standards.



Technical data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55°C to +110°C
Tensile strength	ASTM D 2671	≥14 MPa
Tensile strength after aging	ASTM D 2671 (150°C/168 hrs.)	≥14 MPa
Elongation at break	ASTM D 2671	≥400%
Elongation at break after aging	ASTM D 2671 (150°C/168 hrs.)	≥300%
Density	ASTM D 792	1.05g/cm ³
Longitudinal shrinkage	UL 224	0 to - 10%
Dielectric strength	IEC 243	≥20 kV/mm
Volume resistance	IEC 93	≥10 ¹⁴ Ω.cm
Eccentricity	ASTM D 2671	<30%
Copper stability	ASTM D 2671	Pass
Resistance to stress cracking	ASTM D 1693 (50°C)	No Cracking
Water absorption	ISO 62 (23°C/14 days)	<0.15%

Dimensions

AMW-2	As supplied (mm)	After recovered (mm)		*Tube shape	Standard length AMW-2
	Inside diameter (min.)	Inside diameter (max.)	Wall thickness (min.)		
8/2	8	2	1.8	-	30m/spool
12/3	12	3	1.8	-	30m/spool
16/5	16	5	2.2	-	30m/spool
22/7	22	7	2.4	-	30m/spool
25/8	25	8	2.4	-	30m/spool
33/10	33	10	2.8	-	30m/spool
40/13	40	13	2.8	-	30m/spool
48/16	48	16	2.8	-	30m/spool
55/19	55	19	2.8	-	30m/spool

● Spools as standard, special lengths, sizes, printing and other special features available on request.

* Tube shape "-": Flat shape

MEDIUM WALL TUBING

AMW / AMWA

Medium wall tubing (AMW), adhesive lined (AMWA)



Applications

Suitable for a variety of low voltage electrical and mechanical applications, where lighter weight and greater flexibility are important. Recommended to applications for light cable and wire harnesses that require water-proofing, protection, and sealing of connectors components within the tubing.

Features

High electrical insulation. High resistance to impact, abrasion and UV. Provides excellent mechanical protection to cable joints and terminations. 3:1 shrink ratio allows it to fit over irregular shape and large connectors.

Various

Operating temperature : -55°C to +110°C
Shrink temperature: minimum full temperature 120°C
Resistant to UV-radiation.

Standard colors: Black. Special color: Red.
Packaging: Spools or length as standards according to product sizes.



Technical data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55°C to +110°C
Tensile strength	ASTM D 2671	≥14 MPa
Tensile strength after aging	ASTM D 2671 (150°C/168 hrs.)	≥12 MPa
Elongation at break	ASTM D 2671	≥400%
Elongation at break after aging	ASTM D 2671 (150°C/168 hrs.)	≥300%
Density	ASTM D 792	1.05g/cm ³
Longitudinal shrinkage	UL 224	0 to - 10%
Dielectric strength	IEC 243	≥20 kV/mm
Volume resistance	IEC 93	≥10 ¹⁴ Ω.cm
Eccentricity	ASTM D 2671	<30%
Copper stability	ASTM D 2671	Pass
Resistance to stress cracking	ASTM D 1693 (50°C)	No Cracking
Water absorption	ISO 62 (23°C/14 days)	<0.15%

Dimensions

Thermoplastic adhesive for AMWA		
Water absorption	ISO 62	<0.2%
Softening point	ASTM D E28	85°C
Peel strength (PE)	DIN 30672	4N/cm
Copper stability	ASTM D 2671	Non-corrosive
Resistance to fungus and decay	ISO 846	Pass

AMW / AMWA	As supplied (mm)		After recovered (mm)		Tube shape * AMW / AMWA		Standard length AMW / AMWA (mm)
	Inside diameter (min.)	Inside diameter (max.)	Inside diameter (min.)	Wall thickness (min.)			
8/2	8	2	1.7	-	O	30m / 1000-1500	
12/3	12	3	2.0	-	O	30m / 1000-1500	
16/5	16	5	2.2	-	O	30m / 1000-1500	
22/6	22	6	2.2	O	O	1000-1500	
28/6	28	6	2.5	O	O	1000-1500	
33/8	33	8	2.5	O	O	1000-1500	
40/12	40	12	2.5	O	O	1000-1500	
55/16	55	16	2.7	O	O	1000-1500	
65/19	65	19	2.8	O	O	1000-1500	
75/22	75	22	3.0	O	O	1000-1500	
85/25	85	25	3.0	O	O	1000-1500	
95/25	95	25	3.0	O	O	1000-1500	
115/34	115	34	3.0	O	O	1000-1500	
140/42	140	42	3.0	-	O	1000-1500	
160/50	160	50	3.0	-	O	1000-1500	
180/58	180	58	3.0	-	O	1000-1500	
205/65	205	65	3.0	-	O	1000-1500	
235/65	235	65	3.0	-	O	1000-1500	
265/75	265	75	3.0	-	O	1000-1500	
300/85	300	85	3.0	-	O	1000-1500	
350/100	350	100	3.0	-	O	1000-1500	

• 1 m. 1.2 m. 1.5m. sticks as standard, special lengths, sizes, printing and other special features available on request.

* Tube shape "o": Round shape or Oval
"-": Flat shape

HEAVY WALL TUBING

AHW / AHWA

Heavy wall tubing (AHW), adhesive lined (AHWA)



Applications

Designed for applications to seal and protect electrical and communication connections. Provides excellent mechanical protection to cable joints and terminations, flexible gas pipes, etc....

Features

High resistance to impact, abrasion, corrosion, UV and chemical. Rated for 1 kV, 90 °C continuous use. AHWA is recommended for applications on light cables and wire harnesses which require waterproofing, protection of connector components, and thus encapsulates and seal components contained within the tubing.

Various:

Operating temperature: -55°C to +110°C
Shrink temperature: minimum recovery 120°C
Resistant to UV-radiation.

Standard colors: Black. Special color: Red.
Packaging: Length as standards.



Technical data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55°C to +110°C
Tensile strength	ASTM D 2671	≥14 MPa
Tensile strength after aging	ASTM D 2671 (150°C/168hrs.)	≥12 MPa
Elongation at break	ASTM D 2671	≥400%
Elongation at break after aging	ASTM D 2671 (150°C/168hrs.)	≥300%
Density	ASTM D 792	1.05g/cm ³
Longitudinal shrinkage	UL 224	0 to - 10%
Dielectric strength	IEC 243	≥20 kV/mm
Volume resistance	IEC 93	≥10 ¹⁴ Ω.cm
Eccentricity	ASTM D 2671	<30%
Copper stability	ASTM D 2671	Pass
Resistance to stress cracking	ASTM D 1693 (50°C)	No Cracking
Water absorption	ISO 62 (23°C/14 days)	<0.15%
Thermoplastic adhesive for AHWA		
Water absorption	ISO 62	<0.2%
Softening point	ASTM D E28	85°C
Peel strength (PE)	DIN 30672	4 N/cm
Copper stability	ASTM D 2671	Non corrosive
Resistance to fungus and decay	ISO 846	Pass

Dimensions

AHW/AHWA	As supplied (mm)	After recovered (mm)		Tube shape *	Standard length (mm)
	Inside diameter (min.)	Inside diameter (max.)	Wall thickness (min.)		
9/3	9	3	1.8	0	1000-1500
13/4	13	4	2.4	0	1000-1500
22/6	22	6	2.7	0	1000-1500
33/8	33	8	3.2	0	1000-1500
40/12	40	12	4.1	0	1000-1500
45/12	45	12	4.1	0	1000-1500
55/16	55	16	4.1	0	1000-1500
75/22	75	22	4.1	0	1000-1500
85/25	85	25	4.3	0	1000-1500
95/30	95	30	4.3	0	1000-1500
105/30	105	30	4.3	0	1000-1500
130/36	130	36	4.3	-	1000-1500
160/50	160	50	4.3	-	1000-1500
180/50	180	50	4.3	-	1000-1500
200/60	200	60	4.3	-	1000-1500

• 1 m. 1.2 m. 1.5m. sticks as standard, special lengths, sizes, printing and other special features available on request.

* Tube shape "o": Round shape or Oval
"o-": Flat shape

HEAVY WALL TUBING

AHWA-6X

Heavy wall, adhesive lined, 6:1 shrink ratio



Applications

Ideal for application to extremely different diameter between cables, connectors and components, their high shrink ratio provides close fit to a wide variety of irregular shapes connector and figurations. Provide excellent mechanical protection to cable joints and terminations, complete environmental protection, and resistant to impact and abrasion.

Features

Resistant to UV-radiation.
High electrical insulation.

Various

Operating temperature: -55°C to +110°C
Shrink temperature: minimum recovery 120°C

Standard color: black.

Packaging: 1 m. or 1.22 m. stick. Special lengths, special printing on request.

Technical data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55°C to +110°C
Tensile strength	ASTM D 2671	≥14 MPa
Tensile strength after aging	ASTM D 2671 (150°C/168hrs.)	≥12 MPa
Longitudinal shrinkage	UL 224	0 to -10%
Elongation at break	ASTM D 2671	≥400%
Elongation at break after aging	ASTM D 2671 (150°C/168hrs.)	≥300%
Dielectric strength	IEC 243	≥20 kV/mm
Heat shock (4hrs. at 225°C)	ASTM D 2671	No cracking or flowing
Volume resistance	IEC 93	≥10 ¹⁴ Ω.cm
Thermoplastic adhesive for AHWA-6X		
Water absorption	ISO 62	<0.2%
Softening point	ASTM D E28	85°C
Peel strength (PE)	DIN 30672	4 N/cm
Copper stability	ASTM D 2671	Non corrosive
Resistance to fungus and decay	ISO 846	Pass

Dimensions

AHWA-6X	As supplied (mm)	After recovered (mm)		Tube shape *	Standard length (mm)
	Inside diameter (min.)	Inside diameter (max.)	Wall whickness (min.)		
19/3.2	19	3.2	3.2	O	1000-1220
33/5.5	33	5.5	3,4	O	1000-1220
44.4/7.4	44.4	7.4	3.6	O	1000-1220
50.8/8.3	50.8	8.3	4.8	O	1000-1220
69.8/11.7	69.8	11.7	4.8	O	1000-1220
88.9/17.1	88.9	17.1	4.8	O	1000-1220
119.4/22.9	119.4	22.9	4.8	O	1000-1220
235/40	235	40	4.8	O	1000-1220

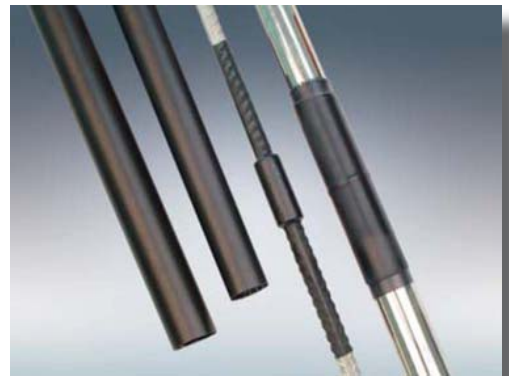
* 1 m. 1.22 m. sticks as standard, special lengths, sizes, printing and other special features available on request.

* Tube shape "o": Round shape or Oval

MEDIUM WALL TUBING

ACPT

Corrosion protection tubing



Applications

ACPT tubing is mastic lined heat shrinkable tubing designed specially for protecting of metal pipe's joint, soil nails and any other connectors requiring environmental sealing.

The radiation cross linked jacket provide effective mechanical protection and mastic layer prevent against water and moisture.

Features

Resistant to UV
High electrical insulation
Superior mechanical protection

Various

Operating temperature: -35°C to +110°C
Shrink temperature: minimum recovery 120°C

Standard color: Black.

Technical data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-35°C to +110°C
Tensile strength	ASTM D 2671	≥14 MPa
Elongation at break	ASTM D 2671	≥400%
Longitudinal shrinkage	UL 224	0 to -10%
Eccentricity	ASTM D 2671	<30%
Elongation at break after aging	ASTM D 2671 (150°C/168hrs.)	≥300%
Dielectric strength	IEC 243	≥20KV/mm
Volume resistance	IEC 93	≥10 ¹⁴ Ω.cm
Copper stability	ASTM D 2671	Pass
Resistance to stress cracking (50°C)	ASTM D 1693	No cracking
Cold bend test (-55°C/4hrs.)	ASTM D 2671	No cracking
Thermoplastic Black Sealant Mastic for ACPT		
Water absorption	ISO 62	<0.1%
Softening point	ASTM D E28	80°C
Peel strength to stainless steel	ASTM D 1000	50N/25mm
Copper stability	ASTM D 2671	Non-corrosive
Resistance to fungus and decay	ISO 846	Pass

Dimensions

ACPT	Diameter (mm)		Recovered wall Thickness (mm)	Tube Shape *	Standard Length (mm)
	As Supplied	After Recovery			
30/6	30	6	2.5	O	1000-1500
33/8	33	8	2.5	O	1000-1500
40/12	40	12	2.5	O	1000-1500
55/20	55	20	2.0	O	1000-1500
75/25	75	25	2.0	O	1000-1500
95/30	95	30	2.0	O	1000-1500
120/40	120	40	2.0	O	1000-1500
140/50	140	50	2.3	O	1000-1500
160/50	160	50	2.3	O	1000-1500
180/66	180	66	2.5	O	1000-1500
205/66	205	66	2.5	O	1000-1500
235/70	235	70	2.5	O	1000-1500
265/75	260	75	3.0	O	1000-1500
300/85	300	85	3.0	O	1000-1500
350/100	350	100	3.0	O	1000-1500

* 1 m. 1.5 m. sticks as standard, special lengths, sizes, printing and other special features available on request.

* Tube shape "o": Round shape or Oval

MEDIUM WALL TUBING

ACTV

Adhesive lined tubing for CATV applications



Applications

ACTV is medium wall tubing coated with hot melt adhesive developed to meet the specific needs of the CATV industry. It provides waterproof seal and mechanical protection for CATV connectors. The specially formulated adhesive strong bond to cable and cable jacket, but easily peeling off from metal connectors for re-entry to connector or splice.

Features

Operating Temperature: -55°C to 110°C
Minimum fully recovered temperature: 120°C

Various

Standard color: Black.



Technical data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55°C to +110°C
Tensile strength	ASTM D 2671	≥15 MPa
Elongation at break	ASTM D 2671	≥600%
Longitudinal shrinkage	UL 224	0 to -10%
Eccentricity	ASTM D 2671	<30%
Elongation at break after aging	ASTM D 2671 (150°C/168hrs.)	>400%
Dielectric strength	IEC 243	≥20KV/mm
Volume resistance	IEC 93	≥10 ¹⁴ Ω.cm
Copper stability	ASTM D 2671	Pass
Resistance to stress cracking (50°C)	ASTM D 1693	No cracking
Cold bend test (-55°C/4 hrs)	ASTM D 2671	No cracking
Thermoplastic Black Sealant Mastic for ACTV		
Water absorption	ISO 62	<0.2%
Softening point	ASTM D E28	80°C
Peel strength to stainless steel	ASTM D 1000	100N/25mm
Copper stability	ASTM D 2671	Non-corrosive
Resistance to fungus and decay	ISO 846	Pass

Dimensions

ACTV	As supplied (mm)	After recovered (mm)		Standard Length (mm)
	Inside diameter (min.)	Inside diameter (max.)	Wall thickness (min.)	
10/3.8	10.0	3.8	2.0	1220
19/5.6	19.0	5.6	2.4	1220
28/9	28.0	9.0	2.4	1220
33/10	33.0	10.0	2.4	1220
38/12	38.0	12.0	2.4	1220
45/13	45.0	13.0	2.4	1220
55/19	55.0	19.0	2.4	1220
70/25	70.0	25.0	2.4	1220



Applications

Medium wall tubing with hot melting adhesive flame retardant, suitable for protecting low voltage electrical splices, cable terminations and joints where electrical insulation and waterproof properties are required.

Features

High electrical insulation. High resistance to impact, abrasion and UV.

Provides excellent mechanical protection to cable joints and terminations.

3:1 shrink ratio allows it to fit over irregular shape and large connectors.

Various:

Operating temperature: -55°C to +110°C

Shrink temperature: minimum recovery 120°C

Flame retardant.

Resistant to UV-radiation.

Standard colors: Black.

Packaging: Length as standards according to product sizes.



Technical data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥14 MPa
Tensile strength after aging	ASTM D 2671 (158°C/168hrs.)	≥12 MPa
Elongation at break	ASTM D 2671	≥300%
Elongation at break after aging	ASTM D 2671 (120°C/168hrs.)	≥200%
Longitudinal change after shrinking	ASTM D 2671	0 to - 10%
Volume resistance	IEC 93	≥10 ¹⁴ Ω.cm
Heat shock	ASTM D 2671 (225°C/4hrs.)	No Cracking or flowing
Flammability	SAE-AMS-DTL-23053/5	Self extinguish in 30sec.
Dielectric strength	IEC 243	≥20 kV/mm
Thermoplastic adhesive for AMWA-FR		
Water absorption	ISO 62	<0.2%
Softening point	ASTM D E28	85°C
Peel strength (PE)	DIN 30672	4 N/cm
Copper stability	ASTM D 2671	Non-corrosive
Resistance to fungus and decay	ISO 846	Pass

Dimensions

AMWA-FR	As supplied (mm)	After recovery (mm)		Tube shape *	Standard length (mm)
	Inside diameter (min.)	Inside diameter (max.)	Wall thickness (min.)		
22/6	22	6	2.2	O	1000-1500
33/8	33	8	2.5	O	1000-1500
40/12	40	12	2.5	O	1000-1500
55/16	55	16	2.7	O	1000-1500
65/19	65	19	2.8	O	1000-1500
75/22	75	22	3.0	O	1000-1500
95/25	95	25	3.0	O	1000-1500
115/34	115	34	3.0	O	1000-1500
140/42	140	42	3.0	O	1000-1500
160/50	160	50	3.0	O	1000-1500
180/58	180	58	3.0	O	1000-1500
200/65	200	65	3.0	O	1000-1500
235/65	235	65	3.0	O	1000-1500
265/75	265	75	3.0	O	1000-1500
300/85	300	85	3.0	O	1000-1500

• 1 m. 1.5m. sticks as standard, special lengths, sizes, printing and other special features available on request.

* Tube shape "o": Round shape or Oval



Applications

AHWA-FR is semi-rigid, heavy wall tubing, flame retardant with hot melting adhesive, this specification is suitable for protecting electrical splices, cable terminations and joints where electrical insulation and waterproof properties are required.

Features

High resistance to impact, abrasion, corrosion, UV and chemical. Rated for 1 kV, 90 °C continuous use. AHWA-FR is recommended for applications on light cables and wire harnesses which require waterproofing, protection of connector components, and thus encapsulates and seal components contained within the tubing.

Various:

Operating temperature: -55°C to +110°C
Shrink temperature: minimum recovery 120°C

Flame retardant.
Resistant to UV-radiation.

Standard colors: Black.
Packaging: Length as standards according to product sizes.



Technical data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥14 MPa
Tensile strength after aging	ASTM D 2671 (158°C/168 hrs.)	≥12 MPa
Elongation at break	ASTM D 2671	≥300%
Elongation at break after aging	ASTM D 2671 (120°C/168 hrs.)	≥200%
Longitudinal shrinkage	ASTM D 2671	0 to - 10%
Volume resistance	IEC 93	≥10 ¹⁴ Ω.cm
Heat shock	ASTM D 2671 (225°C/4hrs.)	No Cracking or flowing
Flammability	SAE-AMS-DTL-23053/5	Self extinguish in 30sec.
Dielectric strength	IEC 243	≥20 kV/mm
Thermoplastic adhesive for AHWA-FR		
Water absorption	ISO 62	<0.2%
Softening point	ASTM D E28	85°C
Peel strength (PE)	DIN 30672	4N/cm
Copper stability	ASTM D 2671	Non-corrosive
Resistance to fungus and decay	ISO 846	Pass

Dimensions

AHWA-FR	As supplied (mm)		After recovered (mm)		Tube shape *	Standard length (mm)
	Inside diameter (min.)	Inside diameter (max.)	Inside diameter (max.)	Wall thickness (min.)		
9/3	9	3	3	2.0	0	1000-1500
13/4	13	4	4	2.5	0	1000-1500
22/6	22	6	6	2.7	0	1000-1500
33/8	33	8	8	3.2	0	1000-1500
40/12	40	12	12	4.1	0	1000-1500
55/16	55	16	16	4.1	0	1000-1500
75/22	75	22	22	4.1	0	1000-1500
95/29	95	29	29	4.1	0	1000-1500
115/34	115	34	34	4.3	0	1000-1500
130/36	130	36	36	4.3	0	1000-1500

• 1 m. 1.5m. sticks as standard, special lengths, sizes, printing and other special features available on request.

* Tube shape "o": Round shape or Oval



Applications

AWAS cross linked polyethylene wraparound sleeves are suitable to restore XLPE and paper insulated cable's outer jackets quickly and securely.

They give excellent electrical, environmental and mechanical protection in LV joints. The sleeves are lined with hot-melt adhesive to ensure moisture or water penetration. Also suitable to use in LV branch joints.

Features

The wraparound sleeves are made from thermally stabilized cross linked weather resistant polymeric material. When heating, the sleeve shrinks and the adhesive melts create a water-tight bond between the sleeve and the cable. Sleeve materials equals to the material properties of the original cable jacket, it closes easily with a flexible stainless steel channel. For insulation on low voltage cable up to 1000V.



Technical data

Item	Test Condition and method	Requirement
Bursting Strength	Test temp: 23±5°C	Min 15MPa
Thermal Ageing Bursting Strength	168 Hrs at 150±2°C (After free shrinkage)	Min 13.7MPa
Dielectric strength	Electrode Surface Dia: 6 mm Wight: 50±2gms Voltage steps: 2 KV/20sec.	Min 12 KV/mm
Split Resistance	Temp: 200±2°C Test time: 23±3°C	No split Propagation
Carbot Content UV Res of Out/layer	Heating rate: 20°C/min Gas flow rate: 300cc/min	Min 2.6±0.25%
Cold Crack resistance	Test temp≤-40°C	No cracking
Resistance to aggressive media Bursting Strength	Test media: Fuel oil, petroleum jelly Test temp: 70±2°C	Min 13.7MPa
Environmental Stress cracking	10% Igepal Co 630 solution immersion Time 30 days Test temp: 50±3°C	No cracking
Temp. indicating paint conversion	Completely conversion	Completely conversion
Hot melt adhesive		
Peel Strength	-PE at 23±2°C -PE at 23±2°C -Pb at 23±2°C	Min 100N/25mm
Shear Strength	At 23±2°C	Min200N
Corrosive Effect	Copper Mirror test Test time:16hrs Test temp:60±2°C	No effect

Dimensions

AWAS	Max Cable Diam. (mm)	Min Cable Diam. (mm)	Lengths Supplied
42/15	42	15	500-1000-1500-2000 mm
50/15	50	15	500-1000-1500-2000 mm
75/22	75	22	500-1000-1500-2000 mm
93/36	93	36	500-1000-1500-2000 mm
130/38	130	38	500-1000-1500-2000 mm
198/55	198	55	500-1000-1500-2000 mm
210/65	210	65	500-1000-1500-2000 mm

Other wrap around sleeves are also available on special request

- AWAS-R: fiber glass reinforcing layer
Using the same compound as AWAS (hot melt adhesive), but with a special fiber glass reinforcing layer.
- AWAS-S: fiber glass reinforcing layer with aluminum moisture vapour barrier layer
Using the same compound as AWAS (hot melt adhesive), but with fiber glass reinforcing with aluminum moisture vapour barrier layers.

Applications

These kits are designed for jointing 4 and 5 core 0,6kV U₀/1kV U plastic insulated cables armored or unarmored. The kits contain one outer and four (or five) core insulating sleeves depending on the type of cable.

(NAYY, NAYBY, NA2XY)

The kits also contain a cable sheath cleaner and an abrasive strip.

Various

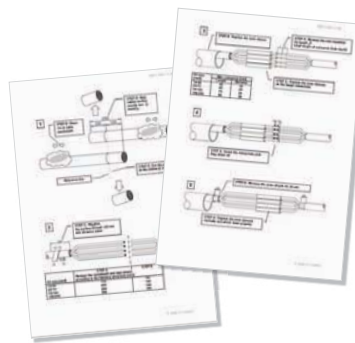
Meet: VDE 623 S1, EN 50 393, ISO 9001



TERMINATIONS FOR 3.5, 4 AND 5-CORE PLASTIC CABLES

TYPICAL INSTALLATION INSTRUCTION

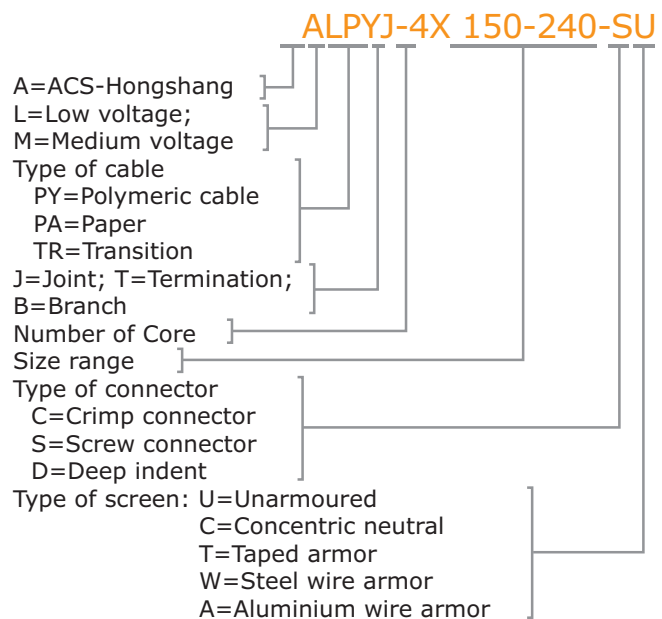
Description					Lug Dia. mm max
3.5 AND 4-CORE PLASTIC CABLE WITHOUT ARMOUR - CRIMP					
ALPYT - 4 x	4	-	35	\-CU	14
ALPYT - 4 x	25	-	70	\-CU	22
ALPYT - 4 x	70	-	150	\-CU	31
ALPYT - 4 x	150	-	300	\-CU	45
3.5 AND 4-CORE PLASTIC CABLE WITHOUT ARMOUR - MECH. LUG					
ALPYT - 4 x	25	-	70	\-SU	22
ALPYT - 4 x	50	-	150	\-SU	31
ALPYT - 4 x	120	-	240	\-SU	45
3.5 AND 4-CORE PLASTIC CABLE WITH TAPE ARMOUR - CRIMP					
ALPYT - 4 x	4	-	35	\-CT	14
ALPYT - 4 x	25	-	70	\-CT	22
ALPYT - 4 x	70	-	150	\-CT	31
ALPYT - 4 x	150	-	300	\-CT	45
3.5 AND 4-CORE PLASTIC CABLE WITH ARMOUR - MECH. LUG					
ALPYT - 4 x	25	-	70	\-ST	22
ALPYT - 4 x	50	-	150	\-ST	31
ALPYT - 4 x	120	-	240	\-ST	45
4-CORE PLASTIC CABLE WITH CONCENTRIC NEUTRAL - CRIMP					
ALPYT - 4 x	4	-	35	\-CC	14
ALPYT - 4 x	25	-	70	\-CC	22
ALPYT - 4 x	70	-	150	\-CC	31
ALPYT - 4 x	150	-	300	\-CC	45
4-CORE PLASTIC CABLE WITH CONCENTRIC NEUTRAL - MECH. LUG					
ALPYT - 4 x	25	-	70	\-SC	22
ALPYT - 4 x	50	-	150	\-SC	31
ALPYT - 4 x	120	-	240	\-SC	45
4-CORE PLASTIC CABLE WITH CONCENTRIC NEUTRAL - MECH. LUG					
ALPYT - 5 x	4	-	25	\-CU	14
4-CORE PLASTIC CABLE WITH CONCENTRIC NEUTRAL - MECH. LUG					
ALPYT - 5 x	4	-	25	\-CU	45



ACS COMPONENTS

Inner sleeve	AMWA
Outer sleeve	AHWA
Copper mesh	ACM 2000
Cleaning tissue	ACT 001
Abrasive paper	AAP
Installation manual	Inst-xxx

Part numbering system



PLASTIC CABLE INLINE JOINTS FOR 4-CORE CABLES

Description	Connector*	
	Dia. mm max	Length mm max
4-CORE PLASTIC CABLE W/O ARMOUR - CRIMP		
ALPYJ - 4 x 1.5 - 10 \'-CU	8	35
ALPYJ - 4 x 6 - 16 \'-CU	10	50
ALPYJ - 4 x 6 - 25 \'-CU	10	75
ALPYJ - 4 x 16 - 35 \'-CU	18	95
ALPYJ - 4 x 16 - 50 \'-CU	18	95
ALPYJ - 4 x 35 - 70 \'-CU	22	105
ALPYJ - 4 x 70 - 150 \'-CU	26	130
ALPYJ - 4 x 95 - 300 \'-CU	37	150
4-CORE PLASTIC CABLE W/O ARMOUR - MECH. CONNECTOR		
ALPYJ - 4 x 1.5 - 6 \'-SU	8	24
ALPYJ - 4 x 4 - 16re \'-SU	10	30
ALPYJ - 4 x 10 - 35 \'-SU	16	40
ALPYJ - 4 x 25 - 70 \'-SU	26	60
ALPYJ - 4 x 70 - 120 \'-SU	29	75
ALPYJ - 4 x 150 - 240 \'-SU	38	85
4-CORE PLASTIC CABLE WITH CONCENTRIC NEUTRAL - CRIMP		
ALPYJ - 4 x 1.5 - 10 \'-CC	8	35
ALPYJ - 4 x 6 - 25 \'-CC	10	75
ALPYJ - 4 x 16 - 50 \'-CC	18	95
ALPYJ - 4 x 70 - 150 \'-CC	26	130
ALPYJ - 4 x 95 - 300 \'-CC	37	150
4-CORE PLASTIC CABLE WITH CONCENTRIC NEUTRAL - MECH. CONNECTOR		
ALPYJ - 4 x 10 - 35 \'-SC	16	40
ALPYJ - 4 x 25 - 70 \'-SC	26	60
ALPYJ - 4 x 70 - 120 \'-SC	29	75
ALPYJ - 4 x 150 - 240 \'-SC	38	85
4-CORE PLASTIC CABLE WITH ARMOUR - CRIMP		
ALPYJ - 4 x 1.5 - 10 \'-CT	8	35
ALPYJ - 4 x 6 - 25 \'-CT	12	75
ALPYJ - 4 x 16 - 50 \'-CT	18	95
ALPYJ - 4 x 70 - 150 \'-CT	26	130
ALPYJ - 4 x 95 - 300 \'-CT	37	150
4-CORE PLASTIC CABLE WITH ARMOUR - MECH. CONNECTOR		
ALPYJ - 4 x 10 - 35 \'-ST	16	40
ALPYJ - 4 x 25 - 70 \'-ST	26	60
ALPYJ - 4 x 70 - 120 \'-ST	29	75
ALPYJ - 4 x 150 - 240 \'-ST	38	85

*possible use (not included in the kit)

PLASTIC CABLE INLINE JOINTS FOR 3.5-CORE CABLES

Description	Connector*	
	Dia. mm max	Length mm max
3.5-CORE PLASTIC CABLE W/O ARMOUR - CRIMP		
ALPYJ - 3 x 25-50 \'/ 1x 16-25 \'-CU	18	95
ALPYJ - 3 x 70-150 \'/ 1x 25-70 \'-CU	26	130
ALPYJ - 3 x 150-240 \'/ 1x 70-120 \'-CU	37	150
ALPYJ - 3 x 150-240 \'/ 1x 95-120 \'-CU	37	150
3.5-CORE PLASTIC CABLE W/O ARMOUR - MECH. CONNECTOR		
ALPYJ - 3 x 25-70 \'/ 1x 16-35 \'-SU	25	60
ALPYJ - 3 x 70-120 \'/ 1x 25-70 \'-SU	28	70
ALPYJ - 3 x 150 \'/ 1x 70 \'-SU	38	80
ALPYJ - 3 x 150-240 \'/ 1x 70-120 \'-SU	38	80
3.5-CORE PLASTIC CABLE WITH ARMOUR - CRIMP		
ALPYJ - 3 x 25-50 \'/ 1x 16-25 \'-CT	18	95
ALPYJ - 3 x 70-150 \'/ 1x 25-70 \'-CT	26	130
ALPYJ - 3 x 150-240 \'/ 1x 70-120 \'-CT	37	150
ALPYJ - 3 x 150-240 \'/ 1x 95-120 \'-CT	37	150
3.5-CORE PLASTIC CABLE WITH ARMOUR - MECH. CONNECTOR		
ALPYJ - 3 x 25-70 \'/ 1x 16-35 \'-ST	25	60
ALPYJ - 3 x 70-120 \'/ 1x 25-70 \'-ST	28	70
ALPYJ - 3 x 150 \'/ 1x 70 \'-ST	38	80
ALPYJ - 3 x 150-240 \'/ 1x 70-120 \'-ST	38	80

*possible use (not included in the kit)

PLASTIC CABLE INLINE JOINTS FOR 5-CORE CABLES

DESCRIPTION	Connector*	
	Dia. mm max	Length mm max
5-CORE PLASTIC CABLE W/O ARMOUR - CRIMP		
ALPYJ - 5 x 1.5 - 10 \'-CU	8	35
ALPYJ - 5 x 6 - 16 \'-CU	10	50
ALPYJ - 5 x 6 - 25 \'-CU	10	75
5-CORE PLASTIC CABLE W/O ARMOUR - MECH. CONNECTOR		
ALPYJ - 5 x 1.5 - 6 \'-SU	8	24
ALPYJ - 5 x 4 - 16re \'-SU	10	30
ALPYJ - 5 x 10 - 25 \'-SU	16	40

*possible use (not included in the kit)