



## HA47 and HU47 thick wall tubing

### Features and Benefits

HA47 is a thick walled polyolefin adhesive lined sleeving used for low voltage power applications. The thermoplastic adhesive provides good moisture sealing and weathering protection.

### Application

The toughness and weatherability makes it well suited for exposed applications and underground cable joints and cable terminations.



HA47 – Heavy wall adhesive lined tubing.

**Cut lengths available on request. Please contact us!**

Material Data	
Material	<b>Polyolefin, cross-linked (POX)</b>
Colour	<b>Black (BK)</b>
Shrink Ratio	<b>up to 3.5:1</b>
Operating Temperature	<b>-55 °C to +80 °C -55 °C to +110 °C</b>
Minimum Shrink Temperature	<b>+120 °C</b>
Longitudinal change after shrinkage	<b>-10% max.</b>
Dielectric Strength	<b>20 kV/mm</b>



### Technical Table

Article-No.	Type	Supplied Ø D	Recov. Ø d	Wall (WT) nom.	Length (L) (m)
HA47 – thick wall adhesive lined					
321-20090	<b>HA47 9/3</b>	9.0	3.0	1.8	1.0
321-20130	<b>HA47 13/4</b>	13.0	4.0	2.4	1.0
321-20180	<b>HA47 19/6</b>	19.0	6.0	2.7	1.0
321-20280	<b>HA47 33/8</b>	33.0	8.0	3.2	1.0
321-20450	<b>HA47 45/12</b>	45.0	12.0	4.1	1.0
321-20510	<b>HA47 51/16</b>	51.0	16.0	4.1	1.0
321-20680	<b>HA47 68/22</b>	68.0	22.0	4.1	1.0
321-20850	<b>HA47 85/25</b>	85.0	25.0	4.3	1.0
321-20900	<b>HA47 105/30</b>	105.0	30.0	4.3	1.0
321-21300	<b>HA47 130/36</b>	130.0	36.0	4.3	1.0
321-21600	<b>HA47 160/50</b>	160.0	50.0	4.3	1.0
321-21850	<b>HA47 180/50</b>	180.0	50.0	4.3	1.0
HU47 – thick wall unlined					
321-10090	<b>HU47 9/3</b>	9.0	3.0	1.8	1.0
321-10130	<b>HU47 13/4</b>	13.0	4.0	2.4	1.0
321-10180	<b>HU47 19/6</b>	19.0	6.0	2.7	1.0
321-10280	<b>HU47 33/8</b>	33.0	8.0	3.2	1.0
321-10450	<b>HU47 45/12</b>	45.0	12.0	4.1	1.0
321-10510	<b>HU47 51/16</b>	51.0	16.0	4.1	1.0
321-10680	<b>HU47 68/22</b>	68.0	22.0	4.1	1.0
321-10850	<b>HU47 85/25</b>	85.0	25.0	4.3	1.0
321-10900	<b>HU47 90/30</b>	90.0	30.0	4.3	1.0
321-11300	<b>HU47 130/36</b>	130.0	36.0	4.30	1.0
321-11600	<b>HU47 160/50</b>	160.0	50.0	4.3	1.0
321-11850	<b>HU47 180/50</b>	180.0	50.0	4.3	1.0

All dimensions in mm. Subject to technical changes.