



KLERHEAT

MANUFACTURING & MACHINE TOOLS

Water/Cooling systems

Used as a cable cooling hose and as an industrial cooling hose for smelting furnaces at steel works, glass works, foundries, etc.
Also for work sites having high temperatures or for applications requiring an electrically insulated hose.

Advantages

- Withstands steel splashing and a temporary radiation temperature of +400°C.
- The outer cover is made of glass woven fabric and is therefore flame resistant.
- For protection during transport and installation the hose has been provided with an extra thin rubber layer on the glass cord.

Technical description

Inner tube: EPDM rubber with insulating properties, beige, smooth.

Reinforcement: synthetic textile and glass cords.

Cover: EPDM, black, fabric impression.

Temperature range: -30°C to +100°C.

Withstands steel splashes and a temporary radiation temperature of +400°C.

Electrical properties: $R > 10^9 \Omega/m$ (insulating).

Electrical strength in longitudinal direction $> 16kV$ per 40mm.



ID mm	Wall thickness mm	OD mm	Working pressure bar	Bursting pressure bar	Bending radius mm	Weight kg/m	Length m	Notes
13.0	4.75 ±0.75	23.0 ±1.0	10	45	120	0.48	20 - 40	
20.0	5.75 ±0.75	32.0 ±1.0	10	45	200	0.68	40	
25.0	6.25 ±0.75	38.0 ±1.0	10	45	250	0.88	40	
32.0	6.25 ±0.75	45.0 ±1.0	10	45	320	1.06	20 - 40	
40.0	6.25 ±0.75	53.0 ±1.0	10	45	360	1.29	20 - 40	
45.0	7.25 ±1.00	60.0 ±1.2	10	45	380	1.70	20 - 40	
50.0	7.25 ±1.00	65.0 ±1.2	10	45	400	1.85	20 - 40	

Tolerance on length: ±1% (ISO 1307 Standard).

Lengths in bold = stock item. Other lengths = non stock (consult us for minimum quantity of order).

Branding

