

KLERHEAT



GENERAL INDUSTRY

Coolant hoses



APPLICATIONS

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.

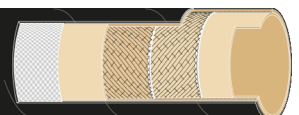
Cover: EPDM, black, fabric impression.

Temperature range: -30 °C to +100 °C.

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

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

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



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ID mm	WALL THICKNESS mm	OD mm	WORKING PRESSURE bar	BURSTING PRESSURE bar	BENDING RADIUS mm	WEIGHT kg/m	LENGTH m	ARTICLE NUMBER	STOCK () or min. order m
13.0	4.75 ±0.75	23.0 ±1.0	10	45	120	0.48	20	0070148	400
13.0	4.75 ±0.75	23.0 ±1.0	10	45	120	0.48	40	0070149	1
20.0	5.75 ±0.75	32.0 ±1.0	10	45	200	0.68	20	0129367	∞
20.0	5.75 ±0.75	32.0 ±1.0	10	45	200	0.68	40	0129368	1
25.0	6.25 ±0.75	38.0 ±1.0	10	45	250	0.88	20	0129369	∞
25.0	6.25 ±0.75	38.0 ±1.0	10	45	250	0.88	40	0129370	1
32.0	6.25 ±0.75	45.0 ±1.0	10	45	320	1.06	20	0129371	400
32.0	6.25 ±0.75	45.0 ±1.0	10	45	320	1.06	40	0129372	1
40.0	6.25 ±0.75	53.0 ±1.0	10	45	360	1.29	20	0129373	400
40.0	6.25 ±0.75	53.0 ±1.0	10	45	360	1.29	40	0129374	1
45.0	7.25 ±1.00	60.0 ±1.2	10	45	380	1.7	20	0129375	200
45.0	7.25 ±1.00	60.0 ±1.2	10	45	380	1.7	40	0129376	1
50.0	7.25 ±1.00	65.0 ±1.2	10	45	400	1.85	20	0129506	200
50.0	7.25 ±1.00	65.0 ±1.2	10	45	400	1.85	40	0129507	1

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

∞ Upon availability.

Digital version

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