

KLERHEAT

INDUSTRIAL MAINTENANCE
Water/Cooling systems



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

- n Withstands steel splashing and a temporary radiation temperature of + 400 °C.
- n The outer cover is made of glass woven fabric and is thus flame resistant.
- n 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: $R > 10^{10}$ W/m (insulating).
Electrical strength in longitudinal direction > 16 kV per 40 mm

| KLERHEAT | | | | | | | | | | 24/02/2011 | |
|----------|-------------------|--------|-------|-------|----------------------|-----------------------|-------------------|-------------|----------|----------------|-----------------------------|
| ID mm | Wall thickness mm | | OD mm | | Working pressure bar | Bursting pressure bar | Bending radius mm | Weight kg/m | Length m | Article number | Stock (n) or min. order m |
| 13 | 4.75 | ± 0.75 | 23.0 | ± 1.0 | 10.0 | 45 | 120 | 0.48 | 20 | 0070148 | 400 |
| | | | | | | | | | 40 | 0070149 | n |
| 20 | 5.75 | ± 0.75 | 32.0 | ± 1.0 | 10.0 | 45 | 200 | 0.68 | 20 | 0129367 | n |
| | | | | | | | | | 40 | 0129368 | n |
| 25 | 6.25 | ± 0.75 | 38.0 | ± 1.0 | 10.0 | 45 | 250 | 0.88 | 20 | 0129369 | n |
| | | | | | | | | | 40 | 0129370 | n |
| 32 | 6.25 | ± 0.75 | 45.0 | ± 1.0 | 10.0 | 45 | 320 | 1.06 | 20 | 0129371 | 400 |
| | | | | | | | | | 40 | 0129372 | n |
| 40 | 6.25 | ± 0.75 | 53.0 | ± 1.0 | 10.0 | 45 | 360 | 1.29 | 20 | 0129373 | 400 |
| | | | | | | | | | 40 | 0129374 | n |
| 45 | 7.25 | ± 1.00 | 60.0 | ± 1.2 | 10.0 | 45 | 380 | 1.7 | 20 | 0129375 | 200 |
| | | | | | | | | | 40 | 0129376 | n |
| 50 | 7.25 | ± 1.00 | 65.0 | ± 1.2 | 10.0 | 45 | 400 | 1.85 | 20 | 0129506 | 200 |
| | | | | | | | | | 40 | 0129507 | n |

n Upon availability.

Branding



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