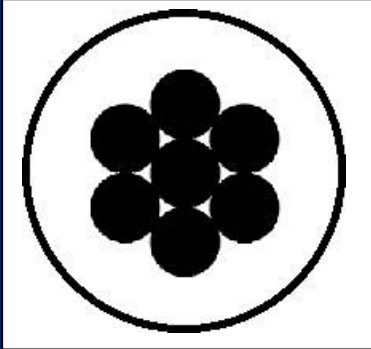


CABLE & WIRE

HAN- Therm 145 Polyolefin copolymer single core, zero halogen, cross-linked



Highlights

Suitable for the internal wiring of lights, heating devices, electrical machines, switchgears and distributors in machine and plant construction
Suitable for laying in tubes, on and under plaster and in closed ducts.
Not for laying on flatbeds, gutters or tubs.

Construction

Conductor: tin plated copper strands acc. IEC 60228 cl. 5
Core insulation: cross linked polyolefin copolymer

Technical Data

Nominal voltage: U_0/U : < 1,5mm² 450V / 750V
> 1,5mm² 600V / 1000V
Test voltage: 5.000 V
Temperature range: fixed installation: -55 °C up to +145 °C
flexible application: -35 °C up to +120 °C
Short circuit temperature: max. +280 °C
Minimum bending radius: fixed installation: 4 x d
flexible application: 6 x d

Created by: PK/NH 03042020

We reserve the right to make product changes.

**RELIABLE, FLEXIBLE,
CUSTOMER-ORIENTED**

HEINRICH THULESIUS GMBH & CO. KG
Zum Panrepel 15, D-28307 Bremen, GERMANY



SERVICE

Tel: +49 (0) 421-48 95-0
Fax: +49 (0) 421-48 95-225
E-Mail: info@thulesius.de
www.thulesius.de

CABLE & WIRE

HAN- Therm 145 Polyolefin copolymer single core, zero halogen, cross-linked

Standards

Flame test:	EN IEC 60332-1-2
Halogen-free:	IEC 60754-1, EN 50267-2-1
No corrosive gases:	IEC 60754-2, EN 50267-2-2
No toxic gases:	NF X 70-100
Low smoke emission:	IEC 61034, DIN EN 61334-2, EN 50268-2
Flame test:	IEC 60332-3, DIN EN 60332-3, EN 50266-2
Low thermal load:	DIN 51900
Cross-linked insulation material HF 90:	IEC 60092-360
Approval:	VDE Reg. No. 9887, GL, LR, BV, DNV, CCS, Gost R

Packaging

Reels or coils

Dimension

No. of cores	Cross section mm ²	Colours (dep. on cross section)
1	0.25 - 300.0	bk, gn-ye, bl, br, gr, rd, vio, or, wh, gn

Further dimensions available on request.
The most usual dimensions are available from stock.

Created by: PK/NH 03042020

We reserve the right to make product changes.

**RELIABLE, FLEXIBLE,
CUSTOMER-ORIENTED**

HEINRICH THULESIUS GMBH & CO. KG
Zum Panrepel 15, D-28307 Bremen, GERMANY



SERVICE

Tel: +49 (0) 421-48 95-0
Fax: +49 (0) 421-48 95-225
E-Mail: info@thulesius.de
www.thulesius.de

**SUMITOMO
ELECTRIC
GROUP**