TERMOKAHANEVAD TORUD, KAABLID, OTSIKUD, KAITSESUKK, JOOTEHÜLSID

fortronic

SARAPIS

Hongshang

HINNAKIRI ON KEHTIV ALATES 01.05.2024

Hinnad on toodud käibemaksuta

HRTM / HRA2

KESKMISE SEINAPAKSUSEGA, LIIMIKIHIGA TERMOKAHANEV TORU 3:1

Tarnitakse 1 m pikkustena	Kilepakendis	Kogus kastis.	EUR / tk
HRTM 8/2	10 tk	450 tk*	1,68
HRTM 12/3	10 tk	250 tk*	1,88
HRTM 16/5	10 tk	160 tk*	2,41
HRTM 22/6	5 tk	210 tk*	2,69
HRTM 28/6	5 tk	140 tk*	3,19
HRTM 33/8	4 tk	140 tk*	3,53
HRTM 40/12	3 tk	90 tk*	4,28
HRTM 55/16	2 tk	60 tk*	5,66
HRTM 65/19	2 tk	40 tk*	6,83
HRTM 75/22	2 tk	32 tk*	8,23
HRTM 85/25	2 tk	30 tk*	9,04
HRTM 95/25	2 tk	24 tk*	13,10
HRTM 115/34	2 tk	20 tk*	13,72
HRTM 140/42		16 tk*	18,51
HRA2 160/50		14 tk*	22,23

Tarnitakse 1.22 m pikkustena		
HRA2 180/58	14 tk*	34,16
HRA2 200/65	12tk*	43,65
HRA2 235/65		59,11
HRA2 265/75		66,33
HRA2 300/85		72,27
HRA2 350/100		88,12
HRA2 410/150		113,40

* - laokaup

HRTH/HRA3

PAKSUSEINALINE, LIIMIKIHIGA TERMOKAHANEV TORU 3:1

Tarnitakse 1.22 m pikkustena		EUR / tk
HRTH 12/3	tellimisel	2,21
HRA3 22/6	tellimisel	5,12
HRA3 33/8	tellimisel	6,86
HRA3 40/12	tellimisel	8,15
HRA3 45/12	tellimisel	8,71
HRTH 56/16	tellimisel	8,99
HRTH 85/25	laokaup*	16,66
HRA3 115/34	laokaup*	22,12
HRTH 130/36	laokaup*	24,86
HRA3 160/50	tellimisel	33,12

* - laokaup

HR-2

KESKMISE SEINEPAKSUSEGA, ILMA LIIMITA TERMOKAHANEV TORU 3:1

Tarnitakse 1.22 m pikkustena		EUR / 1 tk
HR2 12/3	tellimisel	2,13
HR2 16/5	tellimisel	2,16
HR2 22/6	tellimisel	3,39
HR2 33/8	tellimisel	4,00
HR2 40/12	tellimisel	4,87
HR2 65/19	tellimisel	6,52
HR2 160/50	tellimisel	23,80
HR2 300/85	tellimisel	67,51
HR2 350/100	tellimisel	87,42

HSEC

LIIMIGA TERMOKAHANEVAD OTSATUPIKUD, STANDARDPIKKUS

		EUR / tk
HSEC105 12/4-40mm	laokaup	0,98
HSEC110 14/5-45mm	laokaup	1,02
HSEC115 20/6-55mm	laokaup	1,68
HSEC120 25/8,5-68mm	laokaup	1,75
HSEC130 35/16-83mm	laokaup	2,35
HSEC135 40/16-83mm	laokaup	2,45
HSEC140 55/26-103mm	laokaup	3,54
HSEC150 75/36-120mm	laokaup	5,29
HSEC160 100/52-140mm	laokaup	8,02
HSEC170 120/60-150mm	tellimisel	10,36

HSEC-L

LIIMIGA TERMOKAHANEVAD OTSATUPIKUD, PIKENDATUD VERSIOON

		EUR / tk
HSEC110L 14/5-55mm	laokaup	1,02
HSEC150L 75/36-150mm	tellimisel	6,09

HLB - 2

1-kV KAABLIKINDAD, 2 -SOONELISTELE KAABLITELE

		EUR / tk
HLB205 22/8-55mm	laokaup	3,16
HLB210 30/12-93mm	laokaup	2,58
HLB220 60/23-118mm	laokaup	3,30

HLB - 3

1-kV KAABLIKINDAD, 3 -SOONELISTELE KAABLITELE

		EUR / tk
HLB310 38/17-98mm	laokaup	3,16
HLB320 60/25-165mm	laokaup	5,40
HLB330 80/38-185mm	laokaup	7,81
HLB340 110/50-250mm	laokaup	10,08
HLB350 125/57-260mm	laokaup	11,90

HLB - 4

1-kV KAABLIKINDAD, 4 -SOONELISTELE KAABLITELE

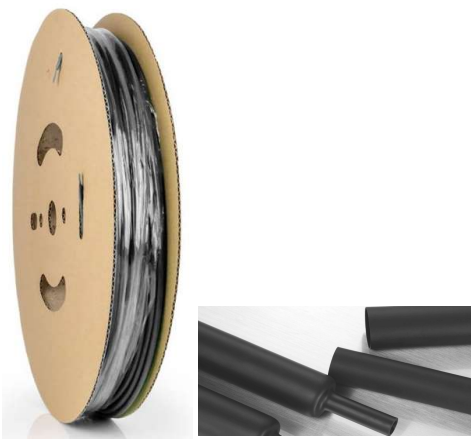
		EUR / tk
HLB410 42/15-105mm	laokaup	2,52
HLB420 55/21-150mm	laokaup	5,38
HLB430 75/26-175mm	laokaup	6,47
HLB440 82/37-190mm	laokaup	7,73
HLB450 100/47-198mm	laokaup	9,41

HLB - 5

1-kV KAABLIKINDAD, 5 -SOONELISTELE KAABLITELE

		EUR / tk
HLB510 40/19-98mm	laokaup	7,53
HLB520 55/24-155mm	laokaup	9,60
HLB530 80/33-175mm	laokaup	12,71

H-5(3X)



ÕHEMA SEINAGA, ELASTNE, LIIMIKIHIGA TERMOKAHANEV TORU 3:1 MUST

Tarnitakse poolil		EUR / pool
Φ 3.0 / 1.0	150m	142,62
Φ 4.8 / 1.5	75m	75,61
Φ 6.0 / 2.0	75m	116,19
Φ 9.0 / 3.0	50m	102,05
Φ 12.0 / 4.0	30m	86,07
Φ 19.0 / 6.0	30m	136,97
Φ 24.0 / 8.0	30m	185,16
Φ 30.0 / 10.0	30m	219,59
Φ 40.0 / 13.0	30m	328,03

H-5(3X)

ÕHEMA SEINAGA, ELASTNE, LIIMIKIHIGA TERMOKAHANEV TORU 3:1 MUST

Tarnitakse 1.22 m pikkustena			EUR / tk
Φ 3.0 / 1.0	1.22 mtr	pakendis 100 tk*	1,16
Φ 4.8 / 1.5	1.22 mtr	pakendis 50 tk*	1,23
Φ 6.0 / 2.0	1.22 mtr	pakendis 50 tk*	1,89
Φ 9.0 / 3.0	1.22 mtr	pakendis 25 tk*	2,49
Φ 12.0 / 4.0	1.22 mtr	pakendis 10 tk*	3,50
Φ 19.0 / 6.0	1.22 mtr	pakendis 10 tk*	5,57
Φ 24.0 / 8.0	1.22 mtr	pakendis 10 tk*	7,53
Φ 30.0 / 10.0	1.22 mtr		8,93
Φ 40.0 / 13.0	1.22 mtr		13,34

***- laokaup**

H-5(3X)

ÕHEMA SEINAGA, ELASTNE, LIIMIKIHIGA TERMOKAHANEV TORU 3:1 Läbipaistev & valge.

Tarnitakse poolil			EUR / pool
Φ 3.0 / 1.0	150m	tellimisel	143,85
Φ 4.8 / 1.5	75m	tellimisel	75,61
Φ 6.0 / 2.0	75m	tellimisel	116,19
Φ 9.0 / 3.0	50m	tellimisel	102,05
Φ 12.0 / 4.0	30m	tellimisel	86,07
Φ 19.0 / 6.0	30m	tellimisel	136,97
Φ 24.0 / 8.0	30m	tellimisel	185,16

Tarnitakse 1.22 m pikkustena			EUR / tk
Φ 3.0 / 1.0	1.22 mtr	tellimisel	1,17
Φ 4.8 / 1.5	1.22 mtr	tellimisel	1,23
Φ 6.0 / 2.0	1.22 mtr	tellimisel	1,89
Φ 9.0 / 3.0	1.22 mtr	tellimisel	2,49
Φ 12.0 / 4.0	1.22 mtr	tellimisel	3,50
Φ 19.0 / 6.0	1.22 mtr	tellimisel	5,57
Φ 24.0 / 8.0	1.22 mtr	tellimisel	7,53

H-5(4X) black

ÕHEMA SEINAGA, ELASTNE, LIIMIKIHIGA, TERMOKAHANEV TORU 4:1 -MUST

Tarnitakse poolil			EUR / pool
Φ 4.0 / 1.0	150	tellimisel	küsi hinda
Φ 6.0 / 1.5	75	tellimisel	küsi hinda
Φ 8.0 / 2.0	75	tellimisel	küsi hinda
Φ 12.0 / 3.0	50	tellimisel	küsi hinda
Φ 16.0 / 4.0	30	tellimisel	küsi hinda
Φ 24.0 / 6.0	30	tellimisel	küsi hinda
Φ 32.0 / 8.0	30	tellimisel	küsi hinda
Φ 52.0 / 13.0	30	tellimisel	küsi hinda

H-5(4X) black

ÕHEMA SEINAGA, ELASTNE, LIIMIKIHIGA, TERMOKAHANEV TORU 4:1 - MUST

Tarnitakse 1.22 m pikkustena			EUR / tk
Φ 4.0 / 1.0	1.22 m	tellimisel	küsi hinda
Φ 6.0 / 1.5	1.22 m	tellimisel	küsi hinda
Φ 8.0 / 2.0	1.22 m	tellimisel	küsi hinda
Φ 12.0 / 3.0	1.22 m	tellimisel	küsi hinda
Φ 16.0 / 4.0	1.22 m	tellimisel	küsi hinda
Φ 24.0 / 6.0	1.22 m	tellimisel	küsi hinda
Φ 32.0 / 8.0	1.22 m	tellimisel	küsi hinda
Φ 52.0 / 13.0	1.22 m	tellimisel	küsi hinda

H-2(Z) black,colour,clear

ÕHUKESE SEINAGA, ELASTNE, TERMOKAHANEV TORU 2:1 must, läbipaistev ja RGBYW.

Tarnitakse 1 m pikkustena		Pakendis tk	EUR / m
Φ 1.6 / 0.8	1m	100tk / laokaup	0,18
Φ 2.4 / 1.2	1m	100tk / laokaup	0,18
Φ 3.2 / 1.6	1m	100tk / laokaup	0,21
Φ 4.8 / 2.4	1m	100tk / laokaup	0,39
Φ 6.4 / 3.2	1m	50tk / laokaup	0,49
Φ 9.5 / 4.8	1m	25tk / laokaup	0,67
Φ 12.7 / 6.4	1m	25tk / laokaup	0,84
Φ 16.0 / 8.0	1m	10tk / laokaup	1,19
Φ 19.0 / 9.5	1m	10tk / laokaup	1,72
Φ 25.4 / 12.7	1m	10tk / laokaup	2,17
Φ 32.0 / 16.0	1m	10tk / laokaup	3,43
Φ 38.1 / 19.0	1m	10tk / laokaup	4,20
Φ 50.8 / 25.4	1m	5tk / laokaup	5,53

H-2(Z) black,colour,clear

ÕHUKESE SEINAGA, ELASTNE, TERMOKAHANEV TORU 2:1 must, läbipaistev ja RGBYW.

Tarnitakse poolil			EUR / m
Φ 1.6 / 0.8	150 ○	tellimisel	27,00
Φ 2.4 / 1.2	150 ○	laokaup	27,00
Φ 3.2 / 1.6	150 ○	laokaup	31,50
Φ 4.8 / 2.4	75 ○	laokaup	29,25
Φ 6.4 / 3.2	75 ○	laokaup	36,75
Φ 9.5 / 4.8	75 —	laokaup	50,25
Φ 12.7 / 6.4	50 —	laokaup	42,00
Φ 16.0 / 8.0	50 —	laokaup	59,50
Φ 19.0 / 9.5	30 —	laokaup	51,60
Φ 25.4 / 12.7	30 —	laokaup	65,10
Φ 32.0 / 16.0	30 —	laokaup	102,90
Φ 38.1 / 19.0	30 —	laokaup	126,00
Φ 50.8 / 25.4	30 —	laokaup	165,90
Φ 76.2 / 38.1	15 —	tellimisel	küsi hinda
Φ 102.0 / 50.8	15 —	tellimisel	küsi hinda
Φ 126.0 / 63.5	15 —	tellimisel	küsi hinda
Φ 150.0 / 76.0	15 —	tellimisel	küsi hinda

H-2(Z) minibox, black

ÕHUKESE SEINAGA, elastne termokahanev toru 2:1 KARBIS, värv - MUST, teised värvid tellimisel.

			EUR / 1 karp
Φ 1.6 / 0.8	10m	laokaup	6,37
Φ 2.4 / 1.2	10m	laokaup	6,37
Φ 3.2 / 1.6	10m	laokaup	6,72
Φ 4.8 / 2.4	10m	laokaup	7,35
Φ 6.4 / 3.2	5m	laokaup	6,72
Φ 9.5 / 4.8	5m	laokaup	7,35
Φ 12.7 / 6.4	5m	laokaup	7,79
Φ 19.0 / 9.5	5m	laokaup	14,08
Φ 25.4 / 12.7	5m	laokaup	18,43

H-2(3X) black

ÕHUKESE SEINAGA, elastne termokahanev toru 3:1 - MUST

Tarnitakse poolil			EUR / pool
Φ 1.5 / 0.5	150 ○	laokaup	35,46
Φ 3.0 / 1.0	150 ○	laokaup	45,92
Φ 4.5 / 1.5	75 ○	laokaup	33,39
Φ 6.0 / 2.0	75 ○	laokaup	42,63
Φ 9.0 / 3.0	75 —	laokaup	67,59
Φ 12.0 / 4.0	50 —	laokaup	54,95
Φ 18.0 / 6.0	30 —	laokaup	66,26
Φ 24.0 / 8.0	30 —	laokaup	103,99
Φ 39.0 / 13.0	30 —	laokaup	185,96

H-2(3X) colour

ÕHUKESE SEINAGA, ELASTNE TERMOKAHANEV TORU 3:1 - VÄRVILINE ja LÄBIPAISTEV.

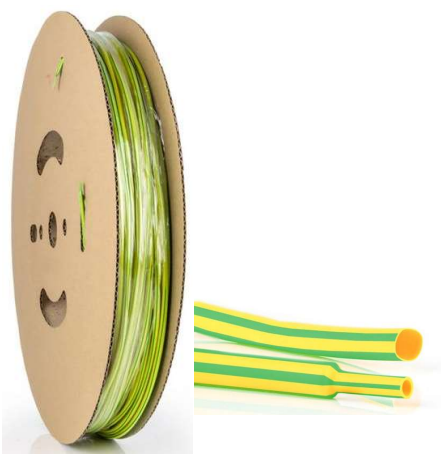
Tarnitakse poolil			EUR / m
Φ 1.5 / 0.5	150 ○	tellimisel	küsi hinda
Φ 3.0 / 1.0	150 ○	tellimisel	küsi hinda
Φ 4.5 / 1.5	75 ○	tellimisel	küsi hinda
Φ 6 / 2	75 ○	tellimisel	küsi hinda
Φ 9.0 / 3.0	75 —	tellimisel	küsi hinda
Φ 12.0 / 4.0	50 —	tellimisel	küsi hinda
Φ 18.0 / 6.0	30 —	tellimisel	küsi hinda
Φ 24.0 / 8.0	30 —	tellimisel	küsi hinda
Φ 39.0 / 13.0	30 —	tellimisel	küsi hinda

H-2F(YG 2:1)

KOLLA - ROHELINE, ÕHUKESE SEINAGA, ELASTNE TERMOKAHANEV TORU 2:1

Tarnitakse 1 m pikkustena			EUR/m
Φ 2.4 / 1.2	1m	laos	0,42
Φ 3.2 / 1.6	1m	laos	0,46
Φ 4.8 / 2.4	1m	laos	0,63
Φ 6.4 / 3.2	1m	laos	0,98
Φ 9.5 / 4.8	1m	laos	1,26
Φ 12.7 / 6.4	1m	laos	1,61
Φ 19.0 / 9.5	1m	laos	3,01
Φ 25.4 / 12.7	1m	laos	4,13
Φ 38.1 / 19.0	1m	laos	7,28

H-2F(YG 2:1)



KOLLA - ROHELINE, ÕHUKESE SEINAGA, ELASTNE TERMOKAHANEV TORU 2:1

Tarnitakse poolil			EUR / pool
Φ 2.4 / 1.2	150 ○	laos	63,00
Φ 3.2 / 1.6	150 ○	laos	69,00
Φ 4.8 / 2.4	75 ○	laos	47,25
Φ 6.4 / 3.2	75 ○	laos	73,50
Φ 9.5 / 4.8	75 —	laos	94,50
Φ 12.7 / 6.4	50 —	laos	80,50
Φ 19.1 / 9.5	30 —	laos	90,30
Φ 25.4 / 12.7	30 —	tellimisel	123,90
Φ 38.1 / 19.0	30 —	tellimisel	218,40

H-2F(YG 3:1)

KOLLA - ROHELINE, ÕHUKESE SEINAGA, ELASTNE TERMOKAHANEV TORU 3:1

Tarnitakse poolil			EUR / m
Φ 1.6 / 0.5	150 ○	tellimisel	küsi hinda
Φ 2.4 / 0.8	150 ○	tellimisel	küsi hinda
Φ 3.0 / 1.0	150 ○	tellimisel	küsi hinda
Φ 4.5 / 1.5	75 ○	tellimisel	küsi hinda
Φ 6,0 / 2.0	75 ○	tellimisel	küsi hinda
Φ 9.5 / 3.0	75 ○	tellimisel	küsi hinda
Φ 12.7 / 4.0	50 —	tellimisel	küsi hinda
Φ 19.1 / 6.0	30 —	tellimisel	küsi hinda
Φ 24,0 / 8.0	30 —	tellimisel	küsi hinda
Φ 39.1 / 13.0	30 —	tellimisel	küsi hinda

HRSL

LIIMIKIHIGA REMONDITORU, METALLIST SIINILUKUGA ja KÜLJELT PAIGALDATAV

	võimalik tellida	standardpikkus	EUR / m
HRSL 36/10 black	0.5--1.5m	1m	25,68
HRSL 55/13 black	0.5--1.5m	1m	28,36
HRSL 85/22 black	0.5--1.5m	1m	30,80
HRSL 108/27 black	0.5--1.5m	1m	34,94
HRSL 136/30 black	0.5--1.5m	1m	44,80
HRSL 180/50 black	0.5--1.5m	1m	52,36

SARAFLEX

POLÜESTER KAITSESUKK JUHTMETE / KAABLITE KAITSEKS "USSINAHK"

Nimetus	Ø mm (max)	Väikepakend	EUR / karp
STDB 3	3,00 - 6,00	10 m	9,98
STDB 4	4,00 - 8,00	10 m	10,71
STDB 8	8,00 - 14,00	10 m	12,73
STDB 10	10,00 - 18,00	10 m	14,03
STDB 12	12,00 - 21,00	10 m	17,16
STDB 15	15,00 - 25,00	10 m	20,31
STDB 20	20,00 - 29,00	5 m	12,60
STDB 25	25,00 - 36,00	5 m	14,83
STDB 30	30,00 - 45,00	5 m	18,12

Materjal: Polüester PET HB
Temperatuuride vahemik -50°C kuni +150°C
Sulamistemperatuur: +250 °C
Värvus: Must
Isekustuv / halogeenivaba
FMV SS 302, RoHS

HBTM

ROOMAVLAHENDUSKINDEL TORU VASKLATTIDE KATTEKS

TELLISKIVIPUNANE, KESKMINE SEIN

Tarnitakse poolil			EUR / m
Φ 30 / 12	30 —	tellimisel	küsi hinda
Φ 40 / 16	15 —	tellimisel	küsi hinda
Φ 50 / 20	15 —	tellimisel	küsi hinda
Φ 65 / 25	15 —	tellimisel	küsi hinda
Φ 75 / 30	15 —	tellimisel	küsi hinda
Φ 100 / 40	15 —	tellimisel	küsi hinda
Φ 120 / 50	15 —	tellimisel	küsi hinda

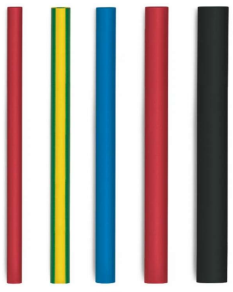
ÕHUKESE SEINAGA, ELASTNE TERMOKAHANEV TORU 2:1

EUR / pakk

70 pcs

Termokahanevate torude komplekt I
Ø 1.6 – 4.8mm / L 35mm
70tk pakis (Ø 1.6 / 2.4 / 3.2 / 4.8)

STL-071318 — 4,07



20 pcs

Termokahanevate torude komplekt II
Ø 4.8 – 9.5mm / L 35mm
32tk pakis (Ø 4.8 / 6.4 / 9.5)

STL-071417 — 4,49

32 pcs

Termokahanevate torude koplekt III
Ø 4.8 – 12mm / L 120mm
20tk pakis (Ø 4.8 / 6.4 / 8 / 9.5 / 12)

STL-072766 — 5,51

SARASOLDER TERMOKAHANEV JOOTEHÜLSS

EUR / pakk

Termokahanev liimiga jootehülss juhtmete jätkamiseks
Poüolefin tinahülsiga termotoru, kahaneb 3:1
Temperatuuride vahemikud : -50°C kuni +150°C
RoHS
Roostevaba
Juhtmetele mm²:

Läbipaistev	0.3 - 0.8
Punane	0.8 - 2.0
Sinine	2.0 - 4.0
Kollane	4.0 - 6.0

* 100tk pakendis

Läbipaistev	SAR-TR	47,00
Punane	SAR-RD	50,00
Sinine	SAR-BE	60,00
Kollane	SAR-YW	67,00

Termokahanev isoleeritud presshülss

EUR / pakk

Ø 0.1-6.0 mm kaablitele
Veekindel

STL-006662 — 6,11

Termokahanev isoleeritud presshülss

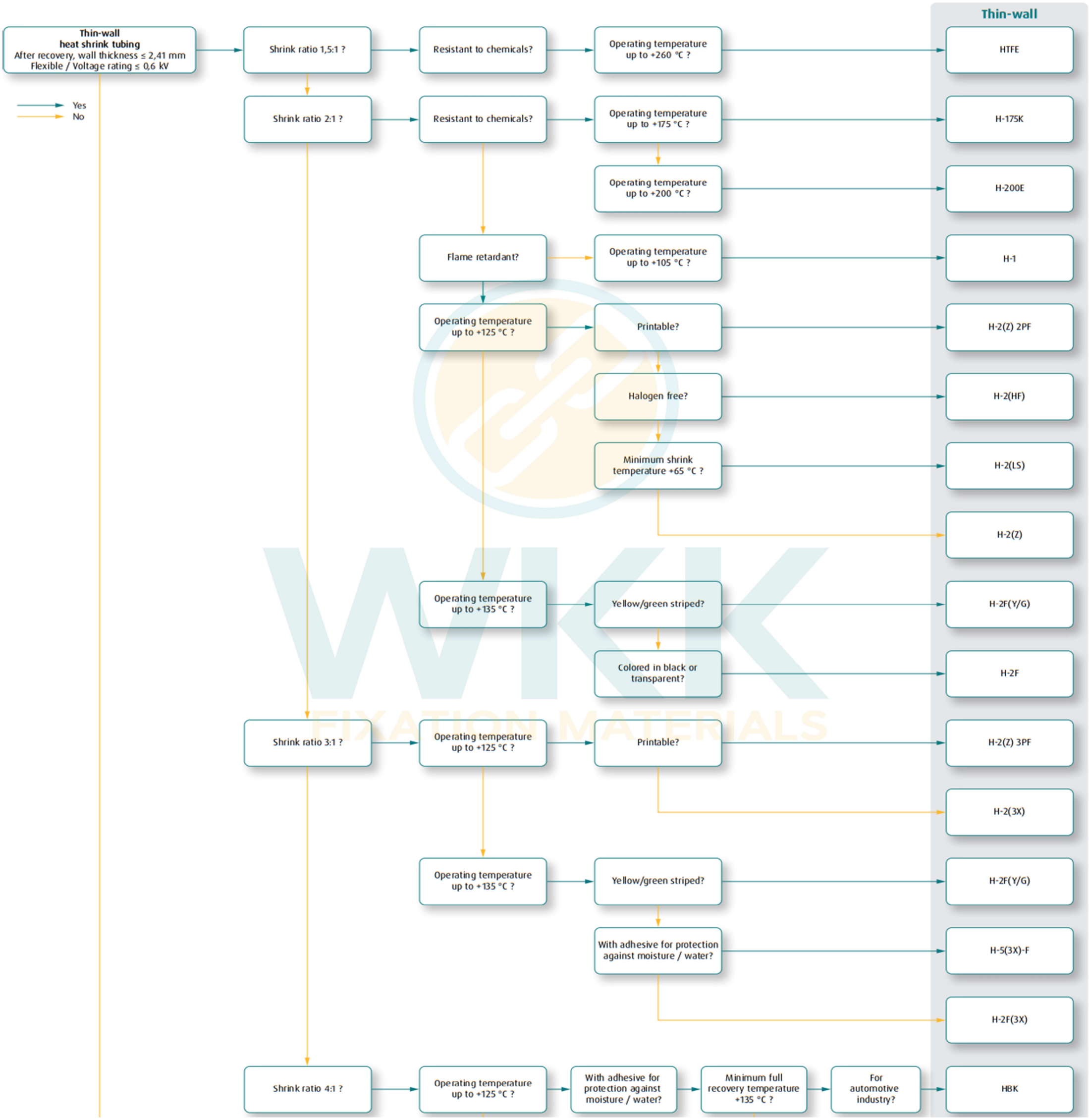
Ø 1,5 - 2,5 mm kaablitele
Veekindel
* 10tk pakendis

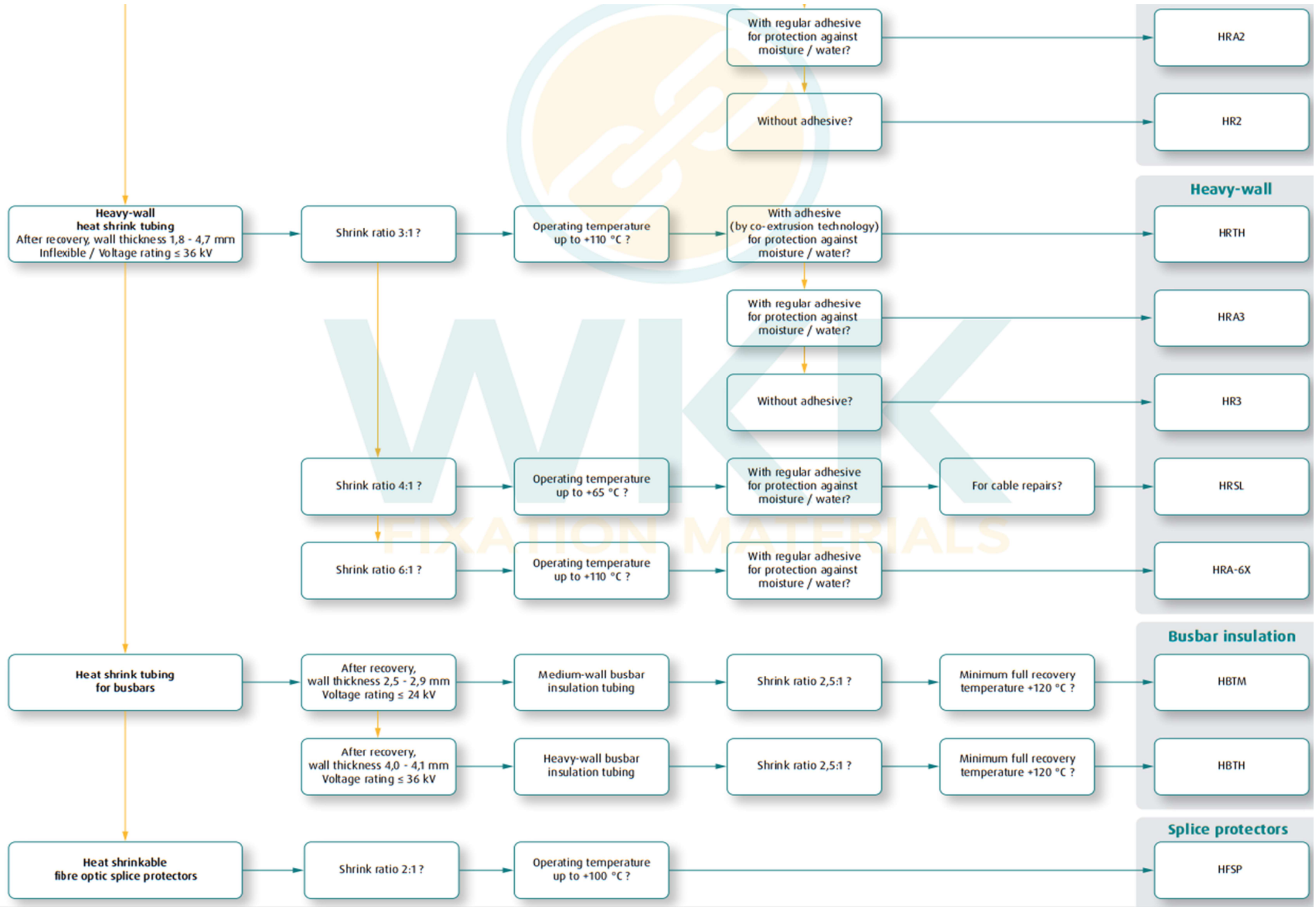
STL-006655 — 5,09

Termokahanev isoleeritud presshülss

Ø 1,5 - 2,5 mm kaablitele
Veekindel
* 10tk pakendis

STL-006648 — 5,61


Thin-wall
Thin-wall heat shrink tubing
After recovery, wall thickness ≤ 2,41 mm
Flexible / Voltage rating ≤ 0,6 kV
Yes
No
Shrink ratio 1,5:1 ?
Resistant to chemicals?
Operating temperature up to +260 °C ?
HTFE
Shrink ratio 2:1 ?
Resistant to chemicals?
Operating temperature up to +175 °C ?
H-175K
Operating temperature up to +200 °C ?
H-200E
Flame retardant?
Operating temperature up to +105 °C ?
H-1
Operating temperature up to +125 °C ?
Printable?
H-2(Z) 2PF
Halogen free?
H-2(HF)
Minimum shrink temperature +65 °C ?
H-2(LS)
H-2(Z)
Operating temperature up to +135 °C ?
Yellow/green striped?
H-2F(Y/G)
Colored in black or transparent?
H-2F
Shrink ratio 3:1 ?
Operating temperature up to +125 °C ?
Printable?
H-2(Z) 3PF
H-2(3X)
Operating temperature up to +135 °C ?
Yellow/green striped?
H-2F(Y/G)
With adhesive for protection against moisture / water?
H-5(3X)-F
H-2F(3X)
Shrink ratio 4:1 ?
Operating temperature up to +125 °C ?
With adhesive for protection against moisture / water?
Minimum full recovery temperature +135 °C ?
For automotive industry?
HBK
H-5(4X)-F
Operating temperature up to +135 °C ?
H-2F(4X)
Medium-wall
Medium-wall heat shrink tubing
After recovery, wall thickness 1,4 - 4,2 mm
Less fexible / Voltage rating ≤ 24 kV
Shrink ratio 3:1 ?
Operating temperature up to +110 °C ?
With adhesive (by co-extrusion technology) for protection against moisture / water?
HRTM
With adhesive (by mastic coating) for protection against moisture / water?
Excellent bonding to metal and / or wood?
HRS


With regular adhesive for protection against moisture / water?
HRA2
Without adhesive?
HR2
Heavy-wall
Heavy-wall heat shrink tubing
After recovery, wall thickness 1,8 - 4,7 mm
Inflexible / Voltage rating ≤ 36 kV
Shrink ratio 3:1 ?
Operating temperature up to +110 °C ?
With adhesive (by co-extrusion technology) for protection against moisture / water?
HRTH
With regular adhesive for protection against moisture / water?
HRA3
Without adhesive?
HR3
Shrink ratio 4:1 ?
Operating temperature up to +65 °C ?
With regular adhesive for protection against moisture / water?
For cable repairs?
HRSL
Shrink ratio 6:1 ?
Operating temperature up to +110 °C ?
With regular adhesive for protection against moisture / water?
HRA-6X
Busbar insulation
Heat shrink tubing for busbars
After recovery, wall thickness 2,5 - 2,9 mm
Voltage rating ≤ 24 kV
Medium-wall busbar insulation tubing
Shrink ratio 2,5:1 ?
Minimum full recovery temperature +120 °C ?
HBTM
After recovery, wall thickness 4,0 - 4,1 mm
Voltage rating ≤ 36 kV
Heavy-wall busbar insulation tubing
Shrink ratio 2,5:1 ?
Minimum full recovery temperature +120 °C ?
HBTH
Splice protectors
Heat shrinkable fibre optic splice protectors
Shrink ratio 2:1 ?
Operating temperature up to +100 °C ?
HFSP