

# Joint GTM3.1

## Nexans heat shrink transition-joint for 12/24kV paper-insulated paper-PEX 3 to 1-core (dry)

GTM3.1 is a heat shrink joint-set for 24kV, paper-insulated, 3-core cable against PEX-insulated 1-cores (dry joint).

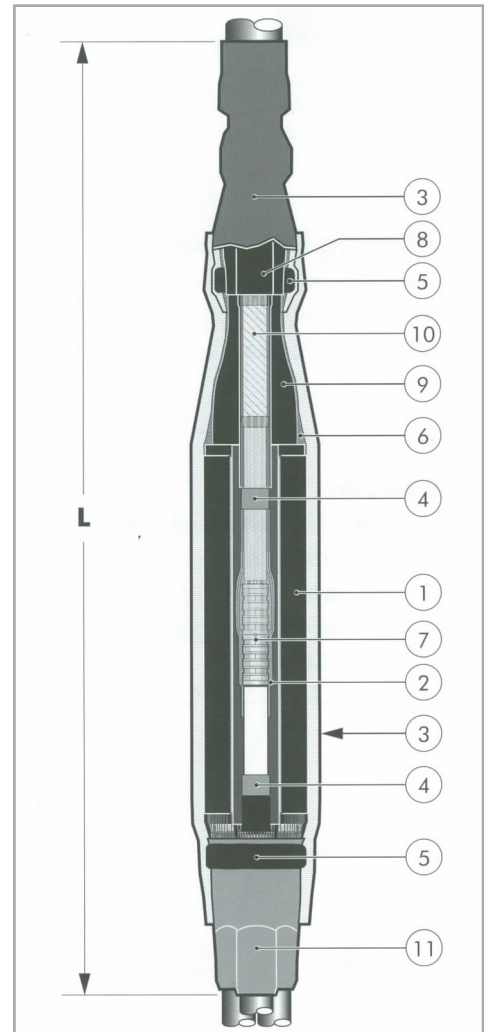
The joint is in principle a rebuilding of the paper insulated cable to a plastic insulated 3-core extension. On the PEX- side it is a dense transition to three 1-cores.

This is a recognized method which has been used since the 1980's.

### Design:

1. Dobbeltvegget krympehylse
2. Field controlling ferrule
3. Outer sheath
4. Field controlling mastic
5. Sealing mastic
6. Cu-screen
7. Ferrule with mid-wall (ordered seperatly)
8. Shrink break-out, leading
9. Shrink sleeve, leading
10. Oil barrier sleeve
11. Shrink breat-out

The product meets the requirements of Cenelec HD 629.1 and IEC 60502-4.



El. no	Title	Cross section mm <sup>2</sup>	L	Voltage kV
11 324 86	VKM-17GTM3.1. 25-95	25-95	1300	12
11 324 87	VKM-17GTM3.1. 95-240	95-240		
11 323 89	VKM-24GTM3.1. 25-70	25-70		24
11 323 90	VKM-24GTM3.1. 95-240	95-240		
11 323 48	VKM-24GTM3.1 185-400	185-400		
11 323 49	Additional kit for small paper insulated cross sections	25-70		12/24