

EXTRA HIGH VOLTAGE XLPE CABLES
66 kV to 132 kV



Company Profile EHV Cables

Polycab is one of the leading names in wires and cables, an ISO 9001:2000 certified company with Under Writers Laboratories USA, and with a proven track record of over three decades.

Polycab has achieved a growth of over 40% per annum in the last 3 years & this growth is attributed to company's commitment towards "The total customer satisfaction in terms of quality & services for the entire range of its products".

Dedicated towards continuous improvements, upgradation of man, machinery & services, Polycab expanded its facilities from Halol to set up an ultra modern state of the art plant at Daman in 1996 spread over an area of 35 acres.

The machineries and equipment are procured from world renowned manufacturer and these machines are manned by qualified, experienced and dedicated professionals. The company is now the largest manufacturer of HT XLPE, LT power / control, instrumentation, house wires & flexible, specialty cables, Catv, Lan, Data & Communication Cables.

In addition to catering to various segment of Industrial industry of different types of EHV cables made

Due to rapid industrial & economic growth it has become necessary to transmit bulk power to sustain the growth. It is also very important that while transmitting bulk power logistic & safety consideration are given due weightage.

The most ideal solution, considering all the aspects is to transmit bulk power through underground cables & keeping in line with the basic philosophy of the organisation, POLYCAB has introduced extra high voltage cable.



CROSS BONDING METHOD



Two C. C. V. Line for XLPE Cables upto 132 kv

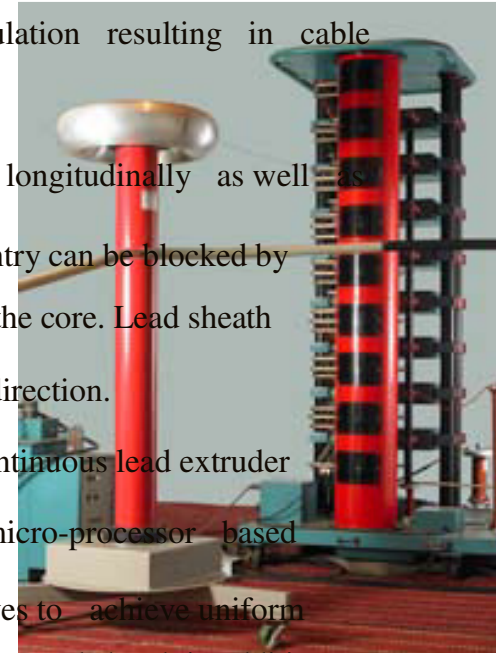
Metallic Sheath

Metallic Sheath is must for cables above 33 kV as the cable of voltage grade 66 kV & above are working with dielectric stress of above 6 kV / mm & at this level of dielectric stress presence of water triggers tree formation in the insulation resulting in cable failure.

Water can enter the cable longitudinally as well as radially. Longitudinal water entry can be blocked by using water swellable tape on the core. Lead sheath can block the entry in radial direction.

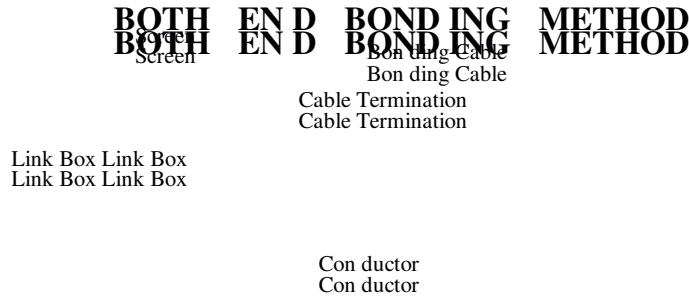
Lead sheath is extruded by continuous lead extruder which is equipped with micro-processor based temperature controllers & drives to achieve uniform thickness, better concentricity. Lead sheath in addition

to other electrical & manufacturing advantages has a



RAVI CHHABRIA
RAMESH CABLE COPRN.
461 BUDHWAR PETH,
NEAR PASODIYA VITHOBA TEMPLE
PUNE 411 002
PH NO 020-24454590,24496021 /2, 24459241 /2
MOBILE 982204858 1

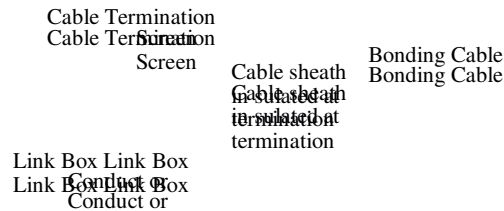
BOTH END BONDING METHOD
BOTH END BONDING METHOD



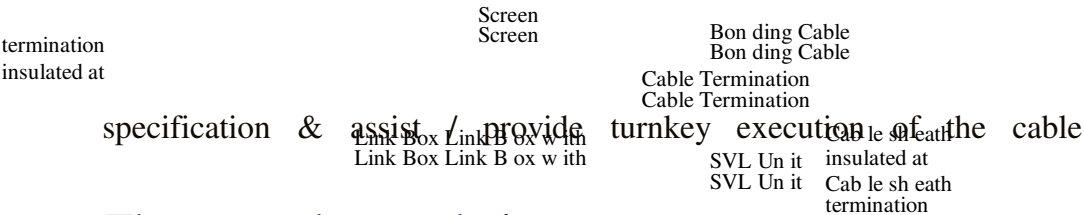
SINGLE POINT BONDING METHOD

WIRES & CABLES

(an ISO 9001:2000 Company)

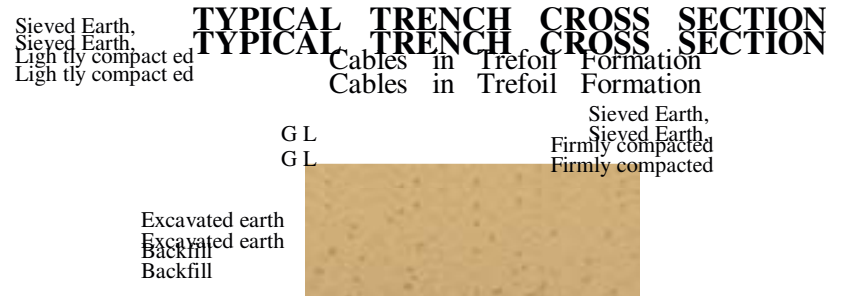


SINGLE POINT BONDING METHOD
SINGLE POINT BONDING METHOD



The complete solution, production, installation, and maintenance of the cable system, providing the desired in

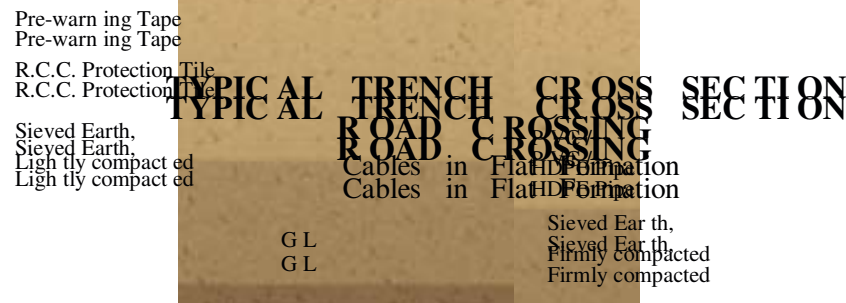
TYPICAL TRENCH CROSS SECTION
TYPICAL TRENCH CROSS SECTION



TYPICAL TRENCH CROSS SECTION OF ROAD CROSSING



TYPICAL TRENCH CROSS SECTION OF ROAD CROSSING



Backfill