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## TECHNICAL INFORMATION

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### Pulling Tensions

For conductor pulls using pulling eyes, the following applies:

Copper conductors = 5 kg/mm<sup>2</sup>

Aluminium conductors = 3 kg/mm<sup>2</sup>

When pulling using a stocking the same values apply but a stocking with the correct diameter and length should be selected, such that all the tension is transferred to the conductor(s). This is evident when there is no relative movement between the extruded layers and the conductor at the pulling end.

Where a pulling eye is constructed from the armour or designed to pull on the armour only, the following applies:

Galvanised steel wire armour = 15 kg/mm<sup>2</sup>

Aluminium wire armour = 3 kg/mm<sup>2</sup>

a limit of 2000 kg applies.

Where the pull is on the armour it shall be confirmed that the sidewall pressure does not exceed that which would occur when using the maximum pull on the conductor in conjunction with the minimum installation bend radius. For example, if the armour pull for a particular cable exceeds the conductor pull by 50% then the minimum bend radius shall also be increased by 50%.