

Amnion

- Amnion formation starts after 30 hrs of incubation
- Formed of somatopleur (ectoderm and somatic mesoderm) by folding
- Head & tail fold, amniotic umbilicus, seroamniotic connection on 4th day
- Amnion , the inner arc of inner ectoderm & outer mesoderm with amniotic cavity filled with amniotic fluid.
- It serves as a water cushion to protect the embryo from mechanical injury, also neutralises the effects of changes in external temperature, prevent embryo dessication.

CHORION

Chorion as outer arc with outer ectoderm & inner mesoderm

Space between amnion and chorion is called chorionic cavity containing fluid which provides further protection to the embryo , also provides space for growth of Allantois.

Chorion later becomes pressed against the shell membrane and plays important role in gaseous exchange as allantochorion, the lung and placenta in eutherians except primates where only chorion participates in placenta formation