

The invention relates to repair of pipeline transport, mostly main high-pressure pipelines. At two sides of damaged section one installs thin-wall rings on which a coupling is assembled. At side of ends of the coupling with gap one mounts technological rings, gap is filled with thermo-stable self-curing substance. At edges of the coupling one mounts technological rings with a gap; the gap is filled with thermo-stable self-curing substance. To edges of the coupling one installs banding rings ends of which are welded to the coupling and technological rings. Cavities under banding rings are filled under pressure with sealing agent, with formation of end seals. After hydraulic tests to under-coupling space one presses self-curing mass, under pressure comparable to the pressure in pipeline. For repair of long sections one uses multi-section coupling or repair structures installed by step-by-step method.