**** Tunnel to Jerusalem

Map of the tunnel location

an existing motorway bridge and addition of a new bridge

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| General Data: | |
| **Project:** | The fast Tel Aviv - Jerusalem train’s railwaysectionSha'arHaGai and [Mevaseret Zion](http://en.wikipedia.org/wiki/Mevaseret_Zion)(section C) |
| **Client:** | **Shapir**in joint venturewith Pizzarotti |
| **Delivery period:** | 2012-2014 |
| **Scope of work:** | high-speed railway line from Tel Aviv to Jerusalem   * 2 TBM-driven tunnels, length: 11,5 km each, external diameter 9,7 m, 14500 rings of 6+1 parallelogram and trapeze segments |
| Sealing method: | Maximum hydraulic pressure 5 bars, short rain events  Test pressure 9 bars at worst combination of 4 mm gap and 15 mm offset  TunnelFlex 33 Plus, Rubber gaskets with 80° and 100° Soft corners |
|  | TS 33x11 (8) PLUS E 106.wmf |
| **Additional information:** | ES Rubber Ltd. | Kibbutz Ein Shemer | M.P. Hefer 38816, Israel | +972.4.637.1037 | [export@esrubber.com](mailto:export@esrubber.com) | www.esrubber.com  Dr. Werner Grabe mobile +49 174 6884223 |