

Retractable Ground Reel (Model No. TTS-RGR-001)

The Retractable Grounding Reel is self-retracting conductor and provides a direct electrical connection between the tank shell and tank floating roof. It is used for conduction of the intermediate and log duration component of lightning-stroke current. According to API RP 545, the tank floating roof shall be bonded to the tank shell by direct electrical connection through an appropriate number of bypass conductors. Each conductor, including connections, shall have a maximum end-to-end electrical resistance of 0.03Ω . The bypass conductors shall be of the minimum length necessary to permit full movement of the floating roof. Bypass conductors should be evenly spaced not more than every 30 m (100 ft) around the tank circumference with a minimum of two.

Features

- ◆ Comply with API RP 545
- ◆ Easy to install
- ◆ No hot works to install
- ◆ Durable and low maintenance
- ◆ Stainless steel 316L housing
- ◆ Double braided cable, tinned braided copper & stainless steel
- ◆ Stainless steel hardware for fixing to tank

Quantity Selection Chart

Tank Dia. (m)	≤19.10	≤ 28.65	≤ 38.20	≤ 47.75	≤ 57.30	≤ 66.84	≤ 76.39	≤ 85.94	≤ 95.49	≤ 105.04	≤ 114.59	≤ 124.14
Required Q'TY	2	3	4	5	6	7	8	9	10	11	12	13

