



APOGEEAERO® ROLLER SPACER (STEEL)

Specification
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Factory manufactured roller casing spacers shall be installed on all carrier pipes passing through casing pipes.

Casing spacers shall be Model SI8RL for carrier pipes up to 24" diameter and Model SI12RL for larger carrier pipe sizes as manufactured by Advance Products and Systems, LLC, Lafayette, LA.

Casing spacers shall be bolt-on style with a shell made of at least two halves. The band material shall be manufactured of a minimum 14-gauge hot rolled, pickled, and oiled carbon steel rolled and welded with 10-gauge hot rolled, pickled, and oiled carbon steel risers when needed. The spacers shall have a minimum of two ApogeeAero® rollers. The rollers shall be manufactured of high strength nonconductive material molded from glass-filled polymer, with a flexural strength of 40,000 PSI and tensile strength of 27,000 PSI.

Rollers shall be a component of a caster assembly consisting of axle, nuts and needle bearings. Coefficient of friction shall not exceed .06 on clean, unobstructed casing pipes' internal surface. The roller assembly shall support a minimum of 2,000 lbs. static load and a maximum of 12,500 lbs. static load depending on the roller size and pipe weight.

The casing spacers shall have a flexible PVC or EPDM liner having a minimum thickness of 0.090" with a hardness of durometer "A" 85-90. The liner shall have a rating of no less than 60,000 VP and water absorption of 1% maximum. All hardware is to be SAE 2330 steel.