Advance Products & Systems'
Casing Spacers

Mechanically, Economically & Environmentally

THE RIGHT CHOICE

MECHANICALLY

Stainless steel, carbon steel and polyethylene casing spacers from Advance Products and Systems are the first choice in insuring the integrity of a carrier pipe when installed in casing.

Problems using wooden skids:

- no long term integrity
- wood rots and pipe will settle
- non-insulating
- easily dislodged
- contributes to point loading of carrier pipe
- allows bacterial corrosion

Advantages of Casing Spacers:

- securely and uniformly supports casing pipe
- electrically insulates
- removable
- no casing filler needed

Mechanically speaking...casing spacers do the job they're suppose to do.

ECONOMICALLY

Further comparison of wood skids to casing spacers, we find that wood skids liability is higher because they:

- are difficult to install
- require several workers to attach
- are resistant to sliding, requiring more time to make push
- require annulus space filler
- have a high failure rate

whereas casing spacers:

- install easily and quickly
- are installed by one person
- slide easily - low coefficient of friction
- require no backfill
- have a proven reliability
- provide long term corrosion protection

Using a hypothetical but typical application of a 12" ductile carrier pipe, 20" casing and a 40' crossing, savings are illustrated as follows:

Wood Skids:

- wood - $60.00
- pickup & delivery - 35.00
- 3 men @ 4 hours - 420.00
- backhoe & boring equipment - 200.00
- grout or sand backfill - 600.00

Total using wood skids - $1,315.00

Casing Spacers:

- spacers - $400.00
- freight - 35.00
- 1 man @ 2 hours - 70.00
- backhoe & boring equipment - 100.00
- no backfill needed - 0.00

Total using casing spacers - $605.00

Economically speaking...casing spacers make sense.....dollars and cents.

ENVIRONMENTALLY

Ecologically, It makes more sense to use manufactured spacers, removing the need for wood. In some areas where special hardwoods are specified, such as redwood in California, the growth of redwood trees has been rapidly diminishing. APS's spacers are made of recycled metal, plastic and polyethylene, use no wood and therefore eliminate the need for the cutting down of trees thus helping to preserve our ecology.

Another potential problem to consider is that treated wood has special chemicals to extend the life of the wood. Whether or not these chemicals have an effect on PVC, polyethylene or composite pipe material is a good question for engineers.

Advance Products and Systems' casing spacers are made from recycled metal, plastics and polyethylene. We don't have to build them that way but we do feel it's important.

Environmentally speaking...casing spacers save time and money and do they're part in saving the planet.

Advance Products and Systems manufactures casing spacers for pipelines from 1" to 144". Contact us and we'll show you how casing spacers are your right choice.

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"Over half of the earth's original forest cover is gone, much of it destroyed during the past three decades. Canada, Russia and Brazil are the only countries that still have significant areas of original forest. Together these countries house 70% of the planet's remaining natural forests - and almost all of what remains is threatened with commercial logging."

The Last Frontier Forests: Ecosystems and Economies on the Edge, World Resources Institute, March 1997