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FS-7570 SERIES CONCRETE INSERT **DESIGN LOADS**

<u>PART NUMBER</u>	<u>INSERT LENGTH</u>	<u>ALLOWABLE LOAD</u>
FS-7550	4"	600 LB
FS-7551	6"	750 LB
FS-7552	8"	900 LB
FS-7553	12"	1500 LB
FS-7554/70	16" – 20'	1500 LB/FT

- *Allowable loads based on a safety factor = 3.0 on ultimate capacity**
- *Allowable loads based on the use of 3,000 psi minimum NWT concrete**
- *All loads placed less than 2" from the end of the channel reduce the allowable load by 50%.**
- *Minimum required edge distance from centerline = 3" in both directions**
- *Minimum required end distance from end of channel = 3" in both directions**