



FILTER SPIDER GATE

APPLICATION = REPLACE STANDARD SPIDER

BENEFIT = CLEANER BOTTOM POUR INGOTS

RESULTS = 718 REMELT 30X CLEANER WHEN FILTERED

CASE HISTORIES

ALLOY = 403 STAINLESS
POUR TEMPERATURE = 2890°F
POUR WEIGHT = 55,000 LBS
POUR TIME = 9 MIN. 17 SEC.
RESULTS = EFFECTIVE SLAG
TRAP

ALLOY = 718
POUR TEMPERATURE = 2650°F
POUR WEIGHT = 42,000
POUR TIME = 7-8 MIN.
RESULTS = 30X OXIDE RAFT
REDUCTION BY E-BEAM
BUTTON TESTING

ALLOY=316-4 STAINLESS
POUR TEMPERATURE=2740°F
POUR WEIGHT=36,000 LBS
POUR TIME= 8 MIN
RESULTS=EFFECTIVE CER-OXIDE
TRAP