To determine Injection intensification ratios on Demag Ergotech NC4 and Ergo control machines:

1) On screen 83 SETUP select the “Pressure type” for Hyd.

2) Now select screen 20 PROCESS TUNING and set the injection holding pressure for 1000 psi.
3) Return to screen 83 SETUP and select “Pressure type” Spec. (Specific = plastic pressure).

4) Go back to screen 20 PROCESS TUNING and look at the injection pressure setting value (not the “actual”). Divide that value (in this case 14,067 by the 1,000 that we saw on screen 20 in the first screen) and the result will be the intensification ratio.