

SCREEN TECH INTERNATIONAL

API RP13C Information

Table 5

d100 SEPARATION & API SCREEN NUMBER

D100 Separation (microns)	API Screen Designation
>780,0 to 925,0	API 20
>655,0 to 780,0	API 25
>550,0 to 655,0	API 30
>462,5 to 550,0	API 35
>390,0 to 462,5	API 40
>327,5 to 390,0	API 45
>275,0 to 327,5	API 50
>231,0 to 275,0	API 60
>196,0 to 231,0	API 70
>165,0 to 196,0	API 80
>137,5 to 165,0	API 100
>116,5 to 137,5	API 120
>98,0 to 116,5	API 140
>82,5 to 98,0	API 170
>69,0 to 82,5	API 200
>58,0 to 69,0	API 230
>49,0 to 58,0	API 270
>41,5 to 49,0	API 325
>35,0 to 41,5	API 400
>28,5 to 35,0	API 450
>22,5 to 28,5	API 500
>18,5 to 22,5	API 635

API RP 13C

CONVERSION CHART

Mesh Designation	API RP 13C Screen Number	API RP 13C d100 (Microns)
DX 24	API 18	931
DX 38	API 35	544
DX 50	API 45	355
DX 70	API 60	270
ST 84	API 60	254
ST 110	API 70	225
ST 140	API 80	165
ST 175	API 100	156
ST 210	API 120	125
ST 230	API 140	116
ST 250	API 170	88
DX 250	API 200	70
DX 270	API 230	66
DX 325	API 325	44

As an independent replacement screen manufacturer, Screen Tech International has taken extensive steps to follow the guidelines established by the American Petroleum Institute for proper labeling with "Replacement Shaker Screens". **API RP13C** compliance in the testing procedure means that manufacturers test certain meshes using the spelled criteria within the test. The manufacturers then label both their screens, and their screen packaging with the results of the test and are then API compliant. The procedure tests mesh performance down to a specific micron. That micron # falls into a range of microns. Screen tech International compliant meshes are listed above, along with table 5—pg. 40 and 41 of the testing procedure to show the breakdown of API#'s and the range of microns that fall within the API#.

Please note: Screen Tech International acknowledges that lab tests and actual performance of the screen in the field are completely separate, and not to be interpreted as being the same. The API designation is merely a unified labeling system set out to provide a common thread amongst all of the screen manufacturers. In no way does the API designation determine actual screen life, or the ability of one screen to outperform another.

