

| Force             |                          |                         |                         |                         |                          |                         |
|-------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|
|                   | g <sub>f</sub>           | lb <sub>f</sub>         | oz <sub>f</sub>         | N                       | kg <sub>f</sub>          | dyne                    |
| 1 g <sub>f</sub>  | 1                        | 4.361 x10 <sup>8</sup>  | 6.997 x10 <sup>9</sup>  | 1.94 x10 <sup>9</sup>   | 1.975 x10 <sup>8</sup>   | 980.7                   |
| 1 lb <sub>f</sub> | 2.2928 x10 <sup>-9</sup> | 1                       | 16                      | 4.45                    | 0.454                    | 444823                  |
| 1 oz <sub>f</sub> | 1.433 x10 <sup>-10</sup> | 0.0625                  | 1                       | 0.278                   | 0.0283                   | 1.405 x10 <sup>-7</sup> |
| 1 N               | 5.155 x10 <sup>-10</sup> | 0.225                   | 3.6                     | 1                       | 0.102                    | 5.054 x10 <sup>-7</sup> |
| 1 kg <sub>f</sub> | 5.064 x10 <sup>-9</sup>  | 2.21                    | 35.3                    | 9.81                    | 1                        | 9.807 x10 <sup>5</sup>  |
| 1 dyne            | 1.02 x10 <sup>-3</sup>   | 2.248 x10 <sup>-6</sup> | 7.117 x10 <sup>-6</sup> | 1.979 x10 <sup>-6</sup> | 1.0197 x10 <sup>-6</sup> | 1                       |