## SAE 100 R12

**Tube:** oil resistant synthetic rubber.

**Reinforcement:** four high tensile steel wire spiral layers (4W/S)

**Cover:** Gray or black, abrasion and weather resistant synthetic rubber, MSHA accepted.


**Temperature range:** - 40ºC to + 125ºC

| Hose ID | | Wire OD | Hose OD | Working Pressure | | Burst Pressure | | Minimum Bend Radius | Weight |
|---|---|---|---|---|---|---|---|---|---|
| inch | mm | mm | mm | Mpa | Psi | Mpa | Psi | mm | kg/m |
| 3/8 | 9.5 | 17.5 | 20.0 | 27.5 | 4000 | 110.3 | 16000 | 130 | 0.70 |
| 1/2 | 12.7 | 20.4 | 23.5 | 27.5 | 4000 | 110.3 | 16000 | 180 | 0.84 |
| 5/8 | 15.9 | 24.4 | 27.2 | 27.5 | 4000 | 110.3 | 16000 | 200 | 1.10 |
| 3/4 | 19.0 | 27.4 | 30.4 | 27.5 | 4000 | 110.3 | 16000 | 240 | 1.33 |
| 1 | 25.4 | 35.0 | 37.6 | 27.5 | 4000 | 110.3 | 16000 | 300 | 1.85 |
| 1-1/4 | 31.8 | 43.0 | 45.9 | 20.7 | 3000 | 82.7 | 12000 | 420 | 2.65 |
| 1-1/2 | 38.1 | 50.0 | 53.5 | 17.2 | 2500 | 68.9 | 10000 | 500 | 3.20 |
| 2 | 50.8 | 63.5 | 66.7 | 17.2 | 2500 | 68.9 | 10000 | 630 | 4.50 |



## SAE 100 R13

**Tube:** oil resistant synthetic rubber.

**Reinforcement:** four or six high tensile steel wire spiral layers (4W/S or 6W/S)

**Cover:** Red or black, abrasion and weather resistant synthetic rubber, MSHA accepted.


**Temperature range:** - 40ºC to + 125ºC

| Hose ID | | Wire OD | Hose OD | Working Pressure | | Burst Pressure | | Minimum Bend Radius | Weight |
|---|---|---|---|---|---|---|---|---|---|
| inch | mm | mm | mm | Mpa | Psi | Mpa | Psi | mm | kg/m |
| 3/4 | 19.0 | 29.0 | 32.0 | 35.0 | 5090 | 160 | 23270 | 280 | 1.450 |
| 1 | 25.4 | 36.0 | 39.2 | 35.0 | 5090 | 160 | 23270 | 340 | 2.178 |
| 1-1/4 | 31.8 | 46.0 | 49.0 | 35.0 | 5090 | 160 | 23270 | 460 | 2.825 |
| 1-1/2 | 38.1 | 54.6 | 57.8 | 35.0 | 5090 | 160 | 23270 | 560 | 3.441 |
| 2 | 50.8 | 67.5 | 72.0 | 35.0 | 5090 | 160 | 23270 | 700 | 4.764 |



## SAE 100 R15

**Tube:** oil resistant synthetic rubber.

**Reinforcement:** six high tensile steel wire spiral layers.

**Cover:** Black, abrasion and weather resistant synthetic rubber, MSHA accepted.


**Temperature range:** - 40ºC to + 125ºC

| Hose ID | | Hose OD | Working Pressure | | Burst Pressure | | Minimum Bend Radius | Weight |
|---|---|---|---|---|---|---|---|---|
| inch | mm | mm | Mpa | Psi | Mpa | Psi | mm | kg/m |
| 1/2 | 12.7 | 26.8 | 41.4 | 6000 | 165.5 | 24000 | 203 | 0.87 |
| 5/8 | 15.9 | 30.2 | 41.4 | 6000 | 165.5 | 24000 | 254 | 1.31 |
| 3/4 | 19.0 | 36.1 | 41.4 | 6000 | 165.5 | 24000 | 267 | 1.61 |
| 1 | 25.4 | 42.9 | 41.4 | 6000 | 165.5 | 24000 | 330 | 2.20 |
| 1-1/4 | 31.8 | 51.5 | 41.4 | 6000 | 165.5 | 24000 | 444 | 3.57 |
| 1-1/2 | 38.1 | 59.6 | 41.4 | 6000 | 165.5 | 24000 | 533 | 4.98 |
| 2 | 50.8 | 73.5 | 41.4 | 6000 | 165.5 | 24000 | 762 | 7.06 |