

## SAE 100R6 DIN EN 854-R6



**EN 854 R6  
SAE 100 R6**

| HOSE SIZE |      |      | 1.D. | O.D. | OPERATION PRESSURE |     | BURST PRESSURE |      | BEND RADIUS | WEIGHT APPROX. RADIUS |
|-----------|------|------|------|------|--------------------|-----|----------------|------|-------------|-----------------------|
| DN        | INCH | DASH | MM   | MM   | BAR                | PSI | BAR            | PSI  | MM          | KG/M                  |
| 6         | 1/4  | -4   | 6.4  | 12.7 | 28                 | 406 | 112            | 1624 | 65          | 0.120                 |
| 8         | 5/16 | -5   | 7.9  | 14.3 | 28                 | 406 | 112            | 1624 | 80          | 0.135                 |
| 10        | 3/8  | -6   | 9.5  | 15.9 | 28                 | 406 | 112            | 1624 | 80          | 0.165                 |
| 12        | 1/2  | -8   | 12.7 | 19.8 | 28                 | 406 | 112            | 1624 | 100         | 0.230                 |
| 16        | 5/8  | -10  | 15.9 | 23.0 | 24                 | 348 | 96             | 1392 | 125         | 0.290                 |
| 19        | 3/4  | -12  | 19.0 | 26.5 | 21                 | 305 | 83             | 1220 | 150         | 0.400                 |
| 25        | 1    | -16  | 25.4 | 34.5 | 10                 | 145 | 36             | 524  | 170         | 0.539                 |

- Inner tube oil resistance synthetic rubber.
- One textile braid reinforcement.
- Cover abrasion and weather resistant synthetic rubber.
- Temperature resistant from -40 °C to +100 °C and up to +125 °C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.

## SAE 100R3 DIN EN 854-R3



**EN 854 R3  
SAE 100 R3**

| HOSE SIZE |       |      | 1.D. | O.D. | OPERATION PRESSURE |      | BURST PRESSURE |      | BEND RADIUS | WEIGHT APPROX. RADIUS |
|-----------|-------|------|------|------|--------------------|------|----------------|------|-------------|-----------------------|
| DN        | INCH  | DASH | MM   | MM   | BAR                | PSI  | BAR            | PSI  | MM          | KG/M                  |
| 6         | 1/4   | -4   | 6.4  | 14.3 | 86                 | 1247 | 344            | 4988 | 80          | 0.160                 |
| 8         | 5/16  | -5   | 7.9  | 17.5 | 83                 | 1204 | 332            | 4816 | 100         | 0.250                 |
| 10        | 3/8   | -6   | 9.5  | 19.1 | 78                 | 1131 | 312            | 4524 | 125         | 0.280                 |
| 12        | 1/2   | -8   | 12.7 | 23.8 | 69                 | 1001 | 276            | 4004 | 125         | 0.410                 |
| 16        | 5/8   | -10  | 15.9 | 27.0 | 60                 | 870  | 240            | 3480 | 140         | 0.470                 |
| 19        | 3/4   | -12  | 19.0 | 31.8 | 52                 | 754  | 208            | 3016 | 150         | 0.650                 |
| 25        | 1     | -16  | 25.4 | 38.1 | 39                 | 566  | 156            | 2264 | 205         | 0.780                 |
| 31        | 1.1/4 | -20  | 31.8 | 44.5 | 26                 | 377  | 104            | 1508 | 255         | 0.990                 |

- Inner tube oil resistance synthetic rubber.
- Two textile braid reinforcement.
- Cover abrasion and weather resistant synthetic rubber.
- Temperature resistant from -40 °C to +100 °C and up to +125 °C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.