

## SAE 100 R13



### Construction

- Tube : Oil resistant Synthetic Rubber
- Reinforcement : 4 W/S (upto 1) or 6W/S (from 1 1/4) (Four or Six spirals of high tensile steel wire)
- Cover : Oil, weather and abrasion resistant Synthetic Rubber

### Application and Temperature Range

- Petroleum base hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to +125°C)
- Water, Water / Glycol and Water / Oil emulsion hydraulic fluids up to +185°F (+85°C)

| Size |    | I.D.  |      | O.D. |      | Working Pressure |        | Min. Burst Pressure |        | Min. Bend Radius |      |
|------|----|-------|------|------|------|------------------|--------|---------------------|--------|------------------|------|
| Dash | DN | inch  | mm   | inch | mm   | PSI              | in bar | PSI                 | in bar | mm               | inch |
| 16   | 25 | 1     | 25,4 | 1,51 | 38,3 | 5,075            | 350    | 20,300              | 1,400  | 340              | 13,4 |
| 20   | 32 | 1.1/4 | 32,0 | 1,95 | 49,4 | 5,075            | 350    | 20,300              | 1,400  | 420              | 16,5 |
| 24   | 38 | 1.1/2 | 38,0 | 2,23 | 56,7 | 5,075            | 350    | 20,300              | 1,400  | 500              | 19,7 |
| 32   | 50 | 2     | 51,0 | 2,78 | 70,5 | 5,075            | 350    | 20,300              | 1,400  | 630              | 24,8 |