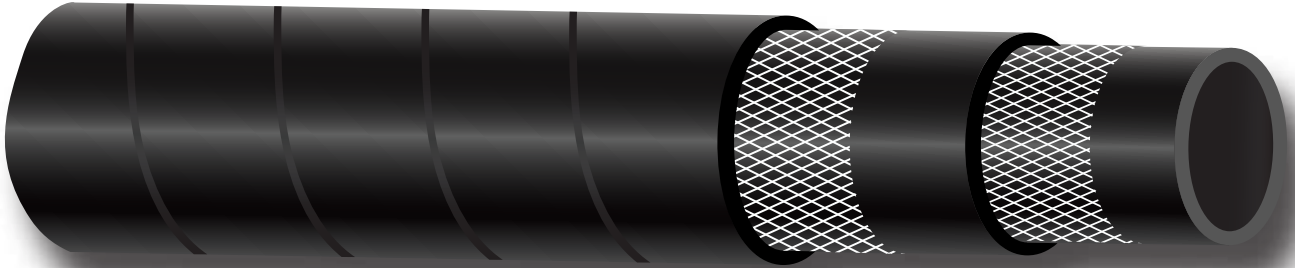


## SAE 100 R3



|                                   |  |
|-----------------------------------|--|
| <b>TUBE</b>                       | : Black, oil-resistant synthetic rubber (NBR)  |
| <b>REINFORCEMENT</b>              | : Double braided high tensile yarn   |
| <b>COVER</b>                      | : Black, oil and abrasion-resistant synthetic rubber   |
| <b>TEMP RANGE</b>                 | : -40° C +100° C approx. (-40° F +212° F approx.)  |
| <b>APPLICATIONS</b>               | : For medium pressure Hydraulic Lines applied in various applications like earthmoving and other adjacent industries |
| <b>PROPERTIES</b>                 | : Uniform Thickness<br>High Pressure<br>Flexible   |
| <b>STANDARD COLOUR AND FINISH</b> | : Inner Tube - Black<br>Outer Cover - Black<br>Finish - Wrapped  |
| <b>APPLICABLE STD</b>             | : SAE 100 R3/DIN EN854   |

| PART NO.   | INTERNAL DIAMETER |      | OUTER DIAMETER<br>mm | WORKING PRESSURE |      | BURSTING PRESSURE |      | BENDING RADIUS |     | WEIGHT<br>Kg/m | STD. LENGTH<br>Mtr |
|------------|-------------------|------|----------------------|------------------|------|-------------------|------|----------------|-----|----------------|--------------------|
|            | Inch              | mm   |                      | bar              | psi  | bar               | psi  | Inch           | mm  |                |                    |
| EH3R557-06 | 1/4               | 6    | 14.3                 | 87               | 1250 | 348               | 5046 | 3.0            | 76  | 0.160          | 100+               |
| EH3R557-08 | 5/16              | 8    | 17.5                 | 84               | 1218 | 336               | 4872 | 4.0            | 101 | 0.240          | 100+               |
| EH3R557-10 | 3/8               | 10   | 19.1                 | 78               | 1131 | 312               | 4524 | 4.0            | 101 | 0.280          | 100+               |
| EH3R557-12 | 1/2               | 12.5 | 23.5                 | 70               | 1015 | 280               | 4060 | 5.0            | 127 | 0.380          | 100+               |
| EH3R557-16 | 5/8               | 16   | 27                   | 61               | 885  | 244               | 3538 | 5.5            | 140 | 0.450          | 100+               |
| EH3R557-19 | 3/4               | 19   | 31.8                 | 52               | 754  | 208               | 3016 | 6.0            | 152 | 0.630          | 100+               |
| EH3R557-25 | 1                 | 25   | 38                   | 39               | 566  | 156               | 2250 | 11.9           | 303 | 0.750          | 100                |
| EH3R557-32 | 1.1/4             | 32   | 44.5                 | 26               | 377  | 104               | 1500 | 10.0           | 254 | 0.970          | 50                 |
| EH3R557-38 | 1.1/2             | 38   | 51                   | 17               | 247  | 68                | 986  | 12.0           | 305 | 1.230          | 50                 |
| EH3R557-51 | 2                 | 51   | -                    | 15               | 218  | 60                | 870  | 16.1           | 409 | -              | 40                 |

**Note (Impulse Cycle)** : 200,000