

SAE 100 R 15



Multispiral Hydraulic Hose acc. to SAE 100 R 15 – MSHA approved



HOSE :

| | |
|-------------------|---|
| Tube | Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC) |
| Reinforcement | Four spiral layers DN 10 – DN 25 and six spiral layers DN 31 – DN 51 of high tensile steel wire |
| Cover | Abrasion and ozone resistant synthetic rubber – MSHA approved Note: various covers available |
| Temperature range | -40° C to 121° C / -40° F to +250° F |
| Standard Branding | Mylar Tape |

SEMPERIT  SAE100 R15 -12 3/4" WP 420 BAR 6090 PSI MSHA IC-8/17 

| Nominal Ø | | Inside Ø | Spiral Ø | Outside Ø | Working pressure | | Test pressure | Burst pressure | Bend radius | Weight |
|--------------|-------|-------------|-------------|--------------|------------------|------|------------------|-------------------|-------------|--------|
| mm | inch | mm | mm | mm | bar | psi | bar | bar | mm | kg/m |
| 10 | 3/8 | 9,9 | 17,4 | 21,1 | 420 | 6090 | 840 | 1680 | 150 | 0,72 |
| 12 | 1/2 | 13,0 | 20,6 | 24,2 | 420 | 6090 | 840 | 1680 | 200 | 0,87 |
| 16 | 5/8 | 16,4 | 24,2 | 27,9 | 420 | 6090 | 840 | 1680 | 235 | 1,02 |
| 19 | 3/4 | 19,5 | 28,3 | 31,9 | 420 | 6090 | 840 | 1680 | 265 | 1,43 |
| 25 | 1 | 26,0 | 35,4 | 38,7 | 420 | 6090 | 840 | 1680 | 330 | 2,16 |
| 31 | 1-1/4 | 32,5 | 46,9 | 50,5 | 420 | 6090 | 840 | 1680 | 445 | 3,77 |
| 38 | 1-1/2 | 38,7 | 53,9 | 57,4 | 420 | 6090 | 840 | 1680 | 530 | 4,79 |
| 51 | 2 | 51,1 | 67,9 | 71,5 | 420 | 6090 | 840 | 1680 | 600 | 6,90 |

Publication date: July 2019 - Subject to changes without notice

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