

SAE 100 R 15

Multispiral hydraulic hose acc. to SAE 100 R15 – MSHA approved



GENERAL

| | |
|--------------------------|---|
| Tube | Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC) |
| Reinforcement | Four spiral layers DN10 – DN25 and six spiral layers DN31 – DN51 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 |

TECHNICAL DETAILS

| Nominnell | | | Innen-Ø | | Spiral-Ø | | Außen-Ø | | Betriebsdruck [max.] | | Min. Berstdruck | | Biegeradius [min.] | | Gewicht ca. | |
|-----------|-------|------|---------|------|----------|------|---------|------|----------------------|------|-----------------|-------|--------------------|------|-------------|------|
| mm | Zoll | dash | mm | Zoll | mm | Zoll | mm | Zoll | bar | psi | bar | psi | mm | Zoll | lbs/ft | kg/m |
| 10 | 3/8 | -6 | 9,9 | 0,39 | 17,7 | 0,70 | 21,0 | 0,82 | 420 | 6090 | 1680 | 24360 | 150 | 5,9 | 0,47 | 0,70 |
| 12 | 1/2 | -8 | 13,0 | 0,51 | 20,6 | 0,81 | 24,2 | 0,95 | 420 | 6090 | 1680 | 24360 | 200 | 7,9 | 0,56 | 0,84 |
| 16 | 5/8 | -10 | 16,4 | 0,65 | 24,2 | 0,95 | 27,9 | 1,10 | 420 | 6090 | 1680 | 24360 | 235 | 9,3 | 0,74 | 1,10 |
| 19 | 3/4 | -12 | 19,5 | 0,77 | 28,3 | 1,11 | 31,9 | 1,26 | 420 | 6090 | 1680 | 24360 | 265 | 10,4 | 0,97 | 1,44 |
| 25 | 1 | -16 | 25,9 | 1,02 | 35,4 | 1,39 | 38,2 | 1,50 | 420 | 6090 | 1680 | 24360 | 330 | 13,0 | 1,34 | 1,99 |
| 31 | 1-1/4 | -20 | 32,5 | 1,28 | 46,9 | 1,84 | 50,5 | 1,99 | 420 | 6090 | 1680 | 24360 | 445 | 17,5 | 2,64 | 3,93 |
| 38 | 1-1/2 | -24 | 38,7 | 1,52 | 53,9 | 2,12 | 57,4 | 2,26 | 420 | 6090 | 1680 | 24360 | 530 | 20,9 | 3,31 | 4,93 |
| 51 | 2 | -32 | 51,1 | 2,01 | 67,9 | 2,67 | 71,5 | 2,81 | 420 | 6090 | 1680 | 24360 | 600 | 23,6 | 4,64 | 6,90 |

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