

DIN EN 856/SAE 100 R 12






Multispiral hydraulic hose acc. to EN 856 / SAE 100 R12 –
MSHA approved



GENERAL

| | |
|--------------------------|---|
| Tube | Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC) |
| Reinforcement | Four spiral layers 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

|  | | |  | |  | |  | |  | |  | |  | |  | |
|---|-------|------|---|------|---|------|---|------|---|------|---|-------|---|------|---|------|
| Nominell | | | 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 | 17,4 | 0,69 | 20,2 | 0,79 | 280 | 4060 | 1120 | 16240 | 125 | 4,9 | 0,45 | 0,67 |
| 12 | 1/2 | -8 | 13,0 | 0,51 | 20,6 | 0,81 | 24,2 | 0,95 | 280 | 4060 | 1120 | 16240 | 180 | 7,1 | 0,56 | 0,84 |
| 16 | 5/8 | -10 | 16,4 | 0,65 | 24,2 | 0,95 | 27,9 | 1,10 | 280 | 4060 | 1120 | 16240 | 200 | 7,9 | 0,76 | 1,13 |
| 19 | 3/4 | -12 | 19,5 | 0,77 | 27,9 | 1,10 | 30,5 | 1,20 | 280 | 4060 | 1120 | 16240 | 240 | 9,4 | 0,89 | 1,33 |
| 25 | 1 | -16 | 25,9 | 1,02 | 35,1 | 1,38 | 37,9 | 1,49 | 280 | 4060 | 1120 | 16240 | 300 | 11,8 | 1,20 | 1,79 |
| 31 | 1-1/4 | -20 | 32,5 | 1,28 | 44,1 | 1,73 | 46,2 | 1,82 | 210 | 3045 | 840 | 12180 | 420 | 16,5 | 1,74 | 2,59 |
| 38 | 1-1/2 | -24 | 38,7 | 1,52 | 49,9 | 1,96 | 53,3 | 2,10 | 175 | 2540 | 700 | 10160 | 500 | 19,7 | 2,17 | 3,23 |
| 51 | 2 | -32 | 51,1 | 2,01 | 63,7 | 2,51 | 66,6 | 2,62 | 175 | 2540 | 700 | 10160 | 630 | 24,8 | 2,97 | 4,42 |

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