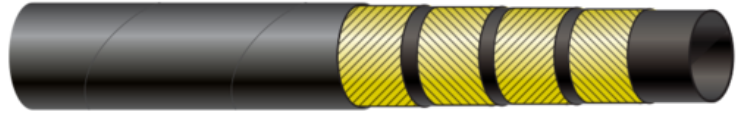


DIN EN 856 4 SP

Multispiral hydraulic hose acc. to EN 856 4SP



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 – accepted by MSHA Note: various covers available |
| Temperature range | -40°C to 100°C / -40°F to +212°F (max 120°C / 248°F intermittent) |
| Standard branding | Mylar tape |

TECHNICAL DETAILS

| Nominal | | | Internal-Ø | | Spiral-Ø | | External-Ø | | Work. pressure [max.] | | Min. burst pressure | | Bending radius [min.] | | Weight approx. | |
|---------|-------|------|------------|------|----------|------|------------|------|-----------------------|------|---------------------|-------|-----------------------|------|----------------|------|
| mm | inch | dash | mm | inch | mm | inch | mm | inch | bar | psi | bar | psi | mm | inch | lbs/ft | kg/m |
| 10 | 3/8 | -6 | 9.9 | 0.39 | 17.7 | 0.70 | 21.0 | 0.82 | 445 | 6455 | 1780 | 25820 | 180 | 7.1 | 0.47 | 0.70 |
| 12 | 1/2 | -8 | 13.0 | 0.51 | 20.6 | 0.81 | 24.2 | 0.95 | 425 | 6165 | 1700 | 24660 | 230 | 9.1 | 0.56 | 0.84 |
| 16 | 5/8 | -10 | 16.4 | 0.65 | 24.2 | 0.95 | 27.9 | 1.10 | 350 | 5075 | 1400 | 20300 | 250 | 9.8 | 0.76 | 1.13 |
| 19 | 3/4 | -12 | 19.5 | 0.77 | 28.3 | 1.11 | 31.9 | 1.26 | 350 | 5075 | 1400 | 20300 | 300 | 11.8 | 0.95 | 1.41 |
| 25 | 1 | -16 | 25.9 | 1.02 | 35.1 | 1.38 | 39.1 | 1.54 | 320 | 4640 | 1280 | 18560 | 340 | 13.4 | 1.24 | 1.85 |
| 31 | 1-1/4 | -20 | 32.5 | 1.28 | 45.9 | 1.81 | 51.3 | 2.02 | 210 | 3045 | 840 | 12180 | 460 | 18.1 | 2.15 | 3.20 |
| 38 | 1-1/2 | -24 | 38.7 | 1.52 | 52.1 | 2.05 | 56.8 | 2.24 | 185 | 2685 | 740 | 10740 | 560 | 22.0 | 2.53 | 3.76 |
| 51 | 2 | -32 | 51.1 | 2.01 | 65.4 | 2.57 | 70.2 | 2.76 | 165 | 2395 | 660 | 9580 | 660 | 26.0 | 3.34 | 4.97 |