

# DIN EN 856 4 SP

Multispiral hydraulic hose acc. to EN 856 4SP



## GENERAL

|                          |  |
|--------------------------|--|
| <b>Tube</b>              | Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)    |
| <b>Reinforcement</b>     | Four spiral layers of high tensile steel wire  |
| <b>Cover</b>             | Abrasion and ozone resistant synthetic rubber – accepted by MSHA<br>Note: various covers available |
| <b>Temperature range</b> | -40°C to 100°C / -40°F to +212°F [max 120°C / 248°F intermittent]                                  |
| <b>Standard branding</b> | 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 |