



1 Stark

EXCEEDS EN 857 1SC



Application

High pressure compact hose with greater flexibility.
Exceeding EN 857 1SC.

Recommended for hydraulic applications where a high pressure and a tighter bend radius is needed.
Approved at 700.000 impulse cycles at 1,25% WP

Suitable for passage of mineral and vegetable oils, water-based solutions, water air and inert gases.

| | HOSE I.D. | | | | HOSE O.D. | | WORKING PRESSURE | | BURST PRESSURE | | MINIMUM BEND RADIUS | | WEIGHT | |
|------------|-----------|------|------|--------|-----------|------|------------------|------|----------------|-------|---------------------|-------|--------|--------|
| | DN | size | mm | inch | mm | inch | bar | psi | bar | psi | mm | inch | Kg/m | lbs/ft |
| 1STK-06-04 | 06 | -4 | 6,4 | 1/4" | 11,9 | 0,47 | 295 | 4300 | 1180 | 17200 | 40 | 1,60 | 0,18 | 0,12 |
| 1STK-08-05 | 08 | -5 | 7,9 | 5/16" | 13,5 | 0,53 | 250 | 3650 | 1000 | 14600 | 55 | 2,20 | 0,21 | 0,14 |
| 1STK-10-06 | 10 | -6 | 9,5 | 3/8" | 15,5 | 0,61 | 230 | 3350 | 920 | 13400 | 65 | 2,60 | 0,27 | 0,18 |
| 1STK-12-08 | 12 | -8 | 12,7 | 1/2" | 18,5 | 0,73 | 200 | 2900 | 800 | 11600 | 80 | 3,20 | 0,34 | 0,23 |
| 1STK-16-10 | 16 | -10 | 15,9 | 5/8" | 22,1 | 0,87 | 150 | 2200 | 600 | 8800 | 105 | 4,20 | 0,39 | 0,26 |
| 1STK-19-12 | 19 | -12 | 19,0 | 3/4" | 26,1 | 1,03 | 125 | 1800 | 500 | 7200 | 120 | 4,80 | 0,52 | 0,35 |
| 1STK-25-16 | 25 | -16 | 25,4 | 1" | 33,3 | 1,31 | 110 | 1600 | 440 | 6400 | 160 | 6,40 | 0,74 | 0,50 |
| 1STK-31-20 | 31 | -20 | 31,8 | 1.1/4" | 41,0 | 1,61 | 100 | 1450 | 400 | 5800 | 300 | 12,00 | 0,95 | 0,64 |

Construction:
Tube: Black synthetic rubber resistant to oils
Reinforcement: One high tensile steel braid
Cover: Black, synthetic rubber resistant to oils, abrasion and weather condition

Temperature:
 -40°C to 100°C (125°C discontinuous)
 -40°F to 212°F (257°F discontinuous)

Version available:
 MSHA COVER
 MSHA HARC COVER
 MSHA ENDLESS COVER
 HARC COVER
 ENDLESS COVER