

FLEXIT 5000 R13

EN 856 R13 - SAE 100 R13 FOUR OR SIX WIRE HOSE



A. Construction

- 1 - Synthetic rubber tube
- 2 - Four or six high tensile steel wire spirals
- 3 - Synthetic rubber cover, MSHA flame retardant approved

B. Application

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions and water

C. Temperature range

Hydraulic oils: -40°C to +121°C (-40°F to +250°F)

occasional peaks up to +125°C (+250°F)

Polyglycol base oils, water-oil emulsions and water: up to +85°C (+185°F)

| HOSE TYPE | Ø HOSE | | | REINFORCEMENT DIAMETER | | OUTSIDE DIAMETER | | WORKING PRESSURE | | BURST PRESSURE | | BEND RADIUS | | WEIGHT | |
|-----------|--------|--------|------|------------------------|-------|------------------|-------|------------------|-------|----------------|-------|-------------|-------|--------|---------|
| | DN | INCH | SIZE | (MM) | (IN) | (MM) | (IN) | (BAR) | (PSI) | (BAR) | (PSI) | (MM) | (IN) | (KG/M) | (LB/FT) |
| R13-12 | 19 | 3/4" | 12 | 29.0 | 1.142 | 32.1 | 1.264 | 350 | 5000 | 1400 | 20000 | 241 | 9.49 | 1.60 | 1.08 |
| R13-16 | 25 | 1" | 16 | 35.1 | 1.382 | 38.4 | 1.512 | 350 | 5000 | 1400 | 20000 | 300 | 11.81 | 2.13 | 1.43 |
| R13-20 | 31 | 1.1/4" | 20 | 46.8 | 1.843 | 49.8 | 1.961 | 350 | 5000 | 1400 | 20000 | 420 | 16.54 | 4.40 | 2.96 |
| R13-24 | 38 | 1.1/2" | 24 | 54.3 | 2.138 | 57.3 | 2.256 | 350 | 5000 | 1400 | 20000 | 500 | 19.69 | 4.80 | 3.23 |
| R13-32 | 51 | 2" | 32 | 68.1 | 2.681 | 71.1 | 2.799 | 350 | 5000 | 1400 | 20000 | 635 | 25.00 | 7.20 | 4.84 |

| SIZE | | PRICE PER MT |
|--------|-------------|--------------|
| 3/4" | SAE 100 R13 | P.O.A. |
| 1" | SAE 100 R13 | P.O.A. |
| 1.1/4" | SAE 100 R13 | P.O.A. |
| 1.1/2" | SAE 100 R13 | P.O.A. |
| 2" | SAE 100 R13 | P.O.A. |

COMPATIBILITY CHART BETWEEN THIS HOSE AND FITTINGS

| FLEXIT R13 | -04 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 |
|------------|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | INTERLOCK + S004I FERRULE | | | | | | | | |
| | INTERLOCK + S006I FERRULE | | | | | | | | |