

# SEMPERRAIL 1SNK

Compact hydraulic hose construction meets EN 45545-2 (HL2-R23)



## GENERAL

|                          |                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------|
| <b>Tube</b>              | Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC) |
| <b>Reinforcement</b>     | One braid of high tensile steel wire                                                            |
| <b>Cover</b>             | Abrasion and ozone resistant synthetic rubber                                                   |
| <b>Temperature range</b> | -40°C to 100°C / -40°F to +212°F (max 120°C / 248°F intermittent)                               |
| <b>Standard branding</b> | Embossed tape                                                                                   |

## TECHNICAL DETAILS

| Nominal |      |      | Internal-Ø |      | Braid-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 |
| 6       | 1/4  | -4   | 6.6        | 0.26 | 10.3    | 0.40 | 12.1       | 0.47 | 290                   | 4205 | 1160                | 16820 | 40                    | 1.6  | 0.12           | 0.18 |
| 8       | 5/16 | -5   | 8.3        | 0.33 | 11.7    | 0.46 | 13.7       | 0.54 | 250                   | 3625 | 1000                | 14500 | 55                    | 2.2  | 0.13           | 0.20 |
| 10      | 3/8  | -6   | 9.9        | 0.39 | 13.6    | 0.53 | 15.9       | 0.63 | 230                   | 3335 | 920                 | 13340 | 65                    | 2.6  | 0.16           | 0.24 |
| 12      | 1/2  | -8   | 13.0       | 0.51 | 16.9    | 0.66 | 19.2       | 0.75 | 200                   | 2900 | 800                 | 11600 | 80                    | 3.1  | 0.23           | 0.34 |
| 16      | 5/8  | -10  | 16.4       | 0.65 | 20.3    | 0.80 | 22.3       | 0.88 | 150                   | 2175 | 600                 | 8700  | 105                   | 4.1  | 0.26           | 0.39 |
| 19      | 3/4  | -12  | 19.5       | 0.77 | 23.9    | 0.94 | 26.1       | 1.03 | 125                   | 1815 | 500                 | 7260  | 120                   | 4.7  | 0.33           | 0.49 |
| 25      | 1    | -16  | 26.0       | 1.02 | 31.0    | 1.22 | 33.2       | 1.31 | 110                   | 1595 | 440                 | 6380  | 160                   | 6.3  | 0.48           | 0.71 |

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