







# BALMASTER BESTFLEX 4SP



DIN EN 856 4SP / ISO 3862 - 10.1008.-F

Very high pressure, extra flexible, four steel wire spirals reinforced hydraulic hose

| REFERENCE | #           | inch | inch   | SAE Dash |  |  |  | PSI  |  | PSI   |  |  |
|-----------|-------------|------|--------|----------|---|---|---|------|---|-------|---|---|
|           |             |      |        |          | mm  | mm  | MPa   |      | mm  |       | kg/m  |   |
| 4SP-04-F  | 10.1008.04F | DN6  | 1/4"   | -4       | 6.5   | 17,4  | <b>45,0</b>   | 6600 | <b>180,0</b>  | 26400 | 150   | 0,70  |
| 4SP-06-F  | 10.1008.06F | DN10 | 3/8"   | -6       | 9.6   | 19,9  | <b>44,5</b>   | 6500 | <b>178,0</b>  | 26000 | 180   | 0,80  |
| 4SP-08-F  | 10.1008.08F | DN12 | 1/2"   | -8       | 12,9  | 22,8  | <b>41,5</b>   | 6100 | <b>166,0</b>  | 24400 | 230   | 1,15  |
| 4SP-10-F  | 10.1008.10F | DN16 | 5/8"   | -10      | 16.0  | 26,4  | <b>42,0</b>   | 6000 | <b>168,0</b>  | 24000 | 250   | 1,26  |
| 4SP-12-F  | 10.1008.12F | DN19 | 3/4"   | -12      | 19.2  | 30,6  | <b>38,0</b>   | 5600 | <b>152,0</b>  | 22400 | 300   | 1,44  |
| 4SP-16-F  | 10.1008.16F | DN25 | 1"     | -16      | 25,6  | 37,7  | <b>32,0</b>   | 4700 | <b>128,0</b>  | 18800 | 340   | 2,15  |
| 4SP-20-F  | 10.1008.20F | DN31 | 1.1/4" | -20      | 32.1  | 48,6  | <b>21,0</b>   | 3100 | <b>84,0</b>   | 12400 | 460   | 2,75  |
| 4SP-24-F  | 10.1008.24F | DN38 | 1.1/2" | -24      | 38.3  | 55,0  | <b>21,0</b>   | 3100 | <b>84,0</b>   | 12400 | 560   | 3,35  |
| 4SP-32-F  | 10.1008.32F | DN51 | 2"     | -32      | 51.0  | 68,1  | <b>17,5</b>   | 2600 | <b>70,0</b>   | 10400 | 660   | 4,60  |

**INNER TUBE:** seamless oil resistant synthetic rubber  
**REINFORCEMENT:** 4 spirals of high tensile steel wire  
**OUTER TUBE:** black wrapped, oil, weather and abrasion resistant synthetic rubber  
**SAFETY FACTOR:** 4:1

**APPLICATION:** petroleum base hydraulic fluids  
**TEMPERATURE RANGE:** -40°C (-40°F) +100°C (+212°F); Intermittent service: +120°C (+248°F) Max. temperature recommended for water base hydraulic fluids: +70°C (+158°F) Max. temperature recommended for air: +60°C (+140°F)

**COUPLINGS:** Balflex® 2-piece fittings serie 23/24 with 20 serie ferrules, Balflex® Multicrimp fittings serie BW23  
 \*On sizes - 6 (3/8") and - 8 (1/2") the Balflex® BALMASTER DIN EN 856 4SP and Balflex® POWERSPIR SAE 100R15 hoses are the same, and they are branded Balflex® POWERSPIR.

**AVAILABLE VERSIONS:** tough cover / Armourguard

**BALFLEX** /// **BALMASTER BESTFLEX** DIN EN 856 - 4SP - DN6 - 1/4" - ISO 3862 - WP <sup>45 MPa</sup> 6600 PSI - Flame Resistant - MSHA IC-252/00