

**Extremely  
High Pressure**

## Global G5K Spiral Wire Hose – SAE 100R13

*Meets performance requirements of DIN 20023 4SH/EN  
Meets Flame Resistance Acceptance Designation "U.S. MSHA 2G"*



**Exceeds one million impulse cycles  
under SAE100 R13 conditions**

**Exceeds pressure performance  
requirements of DIN 20023 4SP/EN  
for sizes 3/4" and above and DIN 20023  
4SH/EN for 1 1/4" and above**

**Recommended For :** Extremely high-pressure hydraulic applications. G5K is designed to meet all requirements of SAE 100R13 specifications and performance requirements of EN 856 4SH (-20, -24 and -32) and EN 856 4SP (-10 and -12). 5/8" to 2" sizes are available in 121' to 200' continuous lengths. Recommended for use with Gates GS Couplings.

**Tube :** Black, oil resistant synthetic rubber (Neoprene).

**Reinforcement :** Four layers of alternated spiraled, high tensile steel wire on -10, -12 and -16 sizes; six layers of alternated spiraled, high tensile steel wire on -20, -24, and -32 sizes.

**Cover :** Black, oil resistant synthetic rubber (Neoprene). Dual red stripe layline.

**Temperature Range :** -40°C to +121°C.

For water emulsions, etc., see page 24.

### SPECIFICATIONS

Description	Hose I.D.		Hose O.D.		Working Pressure		Minimum Burst Pressure		Minimum Bend Radius
	in.	mm	in.	mm	psi	bar	psi	bar	in.
8G5K	1/2	12.7	0.94	23.9	5,000	345	20,000	1,380	7.0
10G5K	5/8	15.9	1.11	28.2	5,000	345	20,000	1,380	8.5
12G5K	3/4	19.1	1.26	32.0	5,000	345	20,000	1,380	9.5
16G5K	1	25.4	1.53	38.9	5,000	345	20,000	1,380	12.0
20G5K	1 1/4	31.8	1.97	50.0	5,000	345	20,000	1,380	16.5
24G5K	1 1/2	38.1	2.26	57.4	5,000	345	20,000	1,380	20.0
32G5K	2	50.8	2.80	71.1	5,000	345	20,000	1,380	25.0

EFG5K Hose is available for Biodegradable Hydraulic Fluids (sizes -12, -16, -20)