










HYDRAULIC HOSES

New updated PowerTech HyGear 1SC High Temperature from HydraSpecma

- › Increased temperature resistance
- › Smooth and extra ozon resistant cover, 10 times the EN-standard
- › Improved durability, 25 times the EN-standard
- › Compact construction

We have launched the **Power-Tech HyGear 1SC High Temperature** hose. HyGear exceeds the EN/ISO-standard and offers a range of advantages such as an improved bend radius and increased working pressure. The ozone resistance is improved 10 times compared to the industry standards and likewise is the durability 25 times the requirements compared to the EN/ISO-standard.

- › Constructed to meet or exceed the specifications for the international standard: EN 857 2SC / ISO 11237 2SC.
- › A lighter construction which means lower transport costs and provides a total weight loss on the machine.
- › The new hoses are compatible with the same ferrules as before.
- › The cover is made with our new "Extra Cover Compound" exceeding the EN/ISO-standard in both abrasion and ozone resistancy, (ISO 6945 og ISO 7236).
- › Smooth and extra ozon resistant cover.
- › Sizes are available from 3/4" to 2.1/2".

partnumber	dimension	inner diameter	outer diameter	working pressure	burst pressure	bending radius
						
	tum	mm	mm	mpa	mpa	mm
SPTGHT112C	3/4"	18.9	26.1	10.5	42	120
SPTGHT116C	1"	25.5	34.0	8.8	35.2	150
SPTGHT120C	1.1/4"	31.8	40.9	8.2	32.8	210
SPTGHT124C	1.1/2"	38.2	48.5	8.2	32.8	250
SPTGHT132C	2"	50.7	61.5	6.8	27.2	315
SPTGHT140C	2.1/2"	63.3	69.9	3.5	14	500

Recommended for: Compact low and medium pressure hydraulic systems and Gear oil lubrication systems in demanding environments.

Tube: Black, oil resistant, synthetic rubber (Nitril). Compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as lubricant.

Reinforcement: One braid of high strength/performance steel wire.

Cover: Black smooth oil, abrasion and weather resistant rubber (modified Nitrile type C2). High ozone resistance > 700 hours according to ISO 7326.

Temperature range: -40°C to +135°C. Water-based fluids +70°C. Ambient temperature -40°C till +100°C

Recommended couplings: Standard two-piece couplings in steel or stainless steel.