



Special high / low temperature  
hydraulic hoses

## M4KH

## SAE 100R19 High Temp



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-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.
-4	6	1/4	0.55	13.8	4000	28.0	16000	112.0	50	33	4M4KH
-6	10	3/8	0.70	17.7	4000	28.0	16000	112.0	65	46	6M4KH
-8	12	1/2	0.82	20.8	4000	28.0	16000	112.0	90	57	8M4KH
-10	16	5/8	0.99	25.0	4000	28.0	16000	112.0	100	82	10M4KH
-12	19	3/4	1.17	29.6	4000	28.0	16000	112.0	120	109	12M4KH

<b>Recommended for:</b>	High pressure hydraulic applications. Easy to route and to install in tight areas.
<b>Tube:</b>	NBR (Nitrile) based.
<b>Reinforcement:</b>	Two braids of high tensile steel wire.
<b>Cover:</b>	CR (Chloroprene) based. MSHA approved.
<b>Temperature range:</b>	-40°C to +121°C.
<b>Standards:</b>	SAE 100R19 - high temperature. ISO 11237-1. Meets or exceeds EN 857 2SC performance requirements.
<b>Couplings:</b>	MegaCrimp®.
<b>Characteristics/benefits:</b>	70% of EN 857 2SC and 50% of EN 853 2SN bend radius at rated working pressure. Superior flex impulse performance: tested to 600,000 impulse cycles. Lightweight. Alternative to spiral hoses in high pressure lines where flexibility is required. M4KH hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

## M3KH

## SAE 100R17 High Temp



↔		○			⌚		🌀		📏	📊	📦
-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.
-4	6	1/4	0.47	11.9	3000	21.0	12000	84.0	50	19	4M3KH
-6	10	3/8	0.62	15.7	3000	21.0	12000	84.0	65	31	6M3KH
-8	12	1/2	0.80	20.3	3000	21.0	12000	84.0	90	47	8M3KH
-10	16	5/8	0.99	25.1	3000	21.0	12000	84.0	100	85	10M3KH
-12	19	3/4	1.14	29.0	3000	21.0	12000	84.0	120	100	12M3KH
-16	25	1	1.48	37.6	3000	21.0	12000	84.0	150	162	16M3KH

<b>Recommended for:</b>	High pressure hydraulic applications. Easy to route and to install in tight areas.
<b>Tube:</b>	NBR (Nitrile) based.
<b>Reinforcement:</b>	-4, -5, -6, -8: one braid of high tensile steel wire; -10, -12, -16: two braids of high tensile steel wire.
<b>Cover:</b>	CR (Chloroprene) based. MSHA approved.
<b>Temperature range:</b>	-40°C to +121°C.
<b>Standards:</b>	SAE 100R17 - high temperature. ISO 11237-1. Meets or exceeds EN 857 1SC/2SC performance requirements.
<b>Couplings:</b>	MegaCrimp®.
<b>Characteristics/benefits:</b>	70% of EN 857 2SC and 50% of EN 853 2SN bend radius at rated working pressure. Superior flex impulse performance: tested to 600,000 impulse cycles. Lightweight. Alternative to spiral hoses in high pressure lines where flexibility is required. M3KH hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

# G2XH

## EN 853 2SN High Temp



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-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.	
-4	6	1/4	0.59	15.0	6000	42.0	24000	168.0	100	42	4G2XH	
-6	10	3/8	0.74	18.8	5000	35.0	20000	140.0	130	54	6G2XH	
-8	12	1/2	0.86	21.8	4250	29.0	17000	116.0	180	65	8G2XH	
-10	16	5/8	0.98	24.9	3625	25.0	14500	100.0	200	77	10G2XH	
-12	19	3/4	1.14	29.0	3100	21.5	12400	86.0	240	94	12G2XH	
-16	25	1	1.48	37.6	2500	17.0	10000	68.0	300	141	16G2XH	

- Recommended for:** High temperature, high pressure hydraulic applications such as engine compartments, foundries,...
- Tube:** CPE (Chlorinated polyethylene) based.
- Reinforcement:** Two braids of high tensile steel wire.
- Cover:** CSM (Chlorosulfonated polyethylene) based. Blue. MSHA approved.
- Temperature range:** -40°C to +150°C.
- Standards:** EN 853 2SN. SAE 100R2S - high temperature. ISO 1436.
- Couplings:** MegaCrimp®.
- Characteristics/benefits:** G2XH hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.



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