



WEST MICHIGAN RUBBER & SUPPLY
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518C - Non-Conductive Hose
SAE J517 ANSI A92.2
Meets or Exceeds SAE 100R7
1000 to 3000 PSI



Part Number	I. D.		Max. O. D.		Max. Working Pressure ANSI A92.2		Max. Working Pressure SAE 100R7		Min. Bend Radius		Weight		Crimp Fitting		80C Crimp Die	Field Attachable Fitting		
	inch	mm	inch	mm	wpsi	MPa	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg	crimp die	re	pg	
#																		
hose	inch	mm	inch	mm	wpsi	MPa	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg	crimp die	re	pg	
518C-2	1/8	3	0.34	9	3000	20.68	2500	17.24	1/2	13	.031	.046	57	53-77	P02H	N/A		
518C-3	3/16	5	0.42	11	3000	20.68	3250	20.68	3/4	19	.046	.069	55	53-77	P03	**		
518C-4	1/4	6	0.47	12	3000	20.68	3000	18.96	1-1/2	38	.052	.077	55	53-77	P04J	**		
518C-5	5/16	8	0.57	14	3000	20.68	2500	17.24	1-3/4	44	.075	.112	55	53-77	P05	51	42-50	
518C-6	3/8	10	0.63	16	3000	20.68	2250	15.51	2	51	.096	.143	55	53-77	P06	51	42-50	
518C-8	1/2	13	0.81	21	3000	20.68	2250	15.51	3	76	.148	.221	55	53-77	P08	51	42-50	
518C-10 (+)	5/8	16	0.98	25	2000	13.8	1500	10.34	4	102	.200	.298	58	78-102	P10H	N/A		
518C-12	3/4	19	1.08	27	1660	11.4	1250	8.62	6	152	.188	.280	55	53-77	P12	51	42-50	
518C-16	1	25	1.32	34	1330	9.2	1000	6.90	8	203	.269	.401	55	53-77	P16	51	42-50	

N/A = Not Available

Tube: Polyester
Reinforcement: Fiber
Cover: Proprietary Blend (PFX)
Cover Color: Orange, non-perforated
Temperature Range: -40°F to +212°F (-40°C to +100°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Vacuum Rating: N/A
(Delta) Working Length @ Rated WPSI: ±2% Max.

Applications/Markets:
 Medium pressure hydraulic service where both field attachable and permanent hydraulic circuit exposure and contact with high voltage may be encountered

Special Features:
 Twin or multi-line constructions available
 Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per ft. Meets or exceeds SAE 100R7 specifications and Ontario Hydro electrical standards
 Complies with ANSI A92.2 for vehicle-mounted aerial devices. High density braid for maximum impulse life without loss of flexibility

Note: Lay lines on this hose will have both ANSI and SAE maximum working pressures listed. ANSI A92.2-1990 "Vehicle Mounted Elevating and Rotating Aerial Devices."