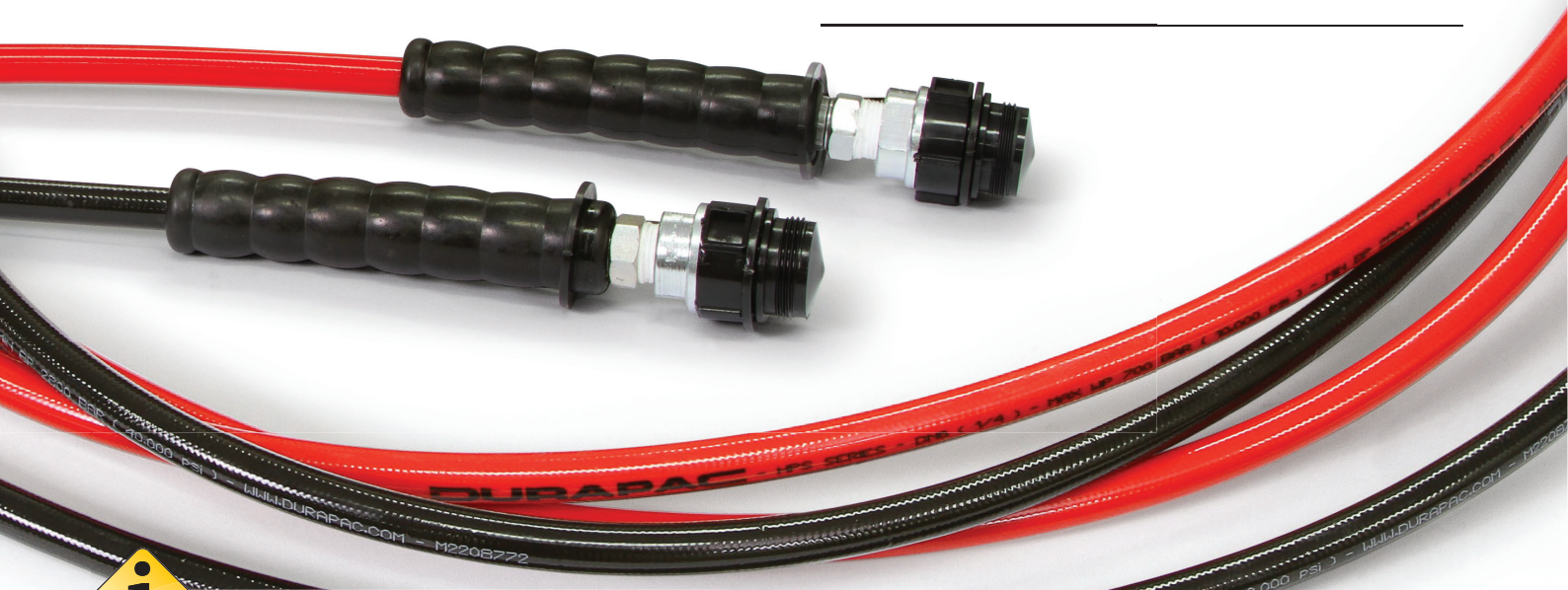


THE **HPS-SERIES** HYDRAULIC 1/4" & 3/8" HOSES ARE A HIGH PRESSURE THERMOPLASTIC HOSE THAT EXCEEDS THE AMERICAN JACKING SPECIFICATIONS IJ100 FOR USE IN APPLICATIONS TO 700 BAR.

The hose is made up by an inner tube that is polyester elastomer and is reinforced by braids of aramid fibre plus one braid of steel wire covered with a polyurethane (anti abrasive) outer. The hose is lightweight and flexible with a tight bend radius for use on hose reels and in tight situations. 1/4" sizes are available in Red, Black and Twin (1 x Red / 1 x Black) for double acting hydraulic applications. All hoses are complete with crimp on fittings and bend restrictors. Models complete with hydraulic couplings are available (see table for details).



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Durapac hose burst sleeves are a very dense (but not bulky) hose cover. They are highly resistant to abrasion and have a high degree of burst resistance in case of a hydraulic hose failure. MSHA number IC-359/01 certified for flame-resistant solid products taken into mines.

The sleeve is available in two sizes, 27 mm and 31 mm inside diameter and optionally available for any Durapac hose up to 30 meters long. See tables on Page 185 for details





Hoses shown with optional Hose Burst Sleeve*

Model No.	Hose Size (inch)	Internal Diameter (mm)	Outside Diameter (mm)	Working Pressure		Min. Burst Pressure		Safety Factor Ratio	Temperature Range		Bend Radius (mm)	Weight (g/m)
				(bar)	(psi)	(bar)	(psi)		(min.)	(max.)		
HPS-06	1/4	6.6	12.7	700	10,000	2,800	40,000	4:1	-40 °C	+100 °C	35	180
HPS-10	3/8	9.8	18.7	700	10,000	2,800	40,000	4:1	-40 °C	+100 °C	90	330


* Hose Burst Sleeve sold separately

HIGH PRESSURE HYDRAULIC HOSES

Durapac 1/4" bore hoses are ideal for most jacking and hydraulic tool applications				
HPS Model No.	Bore Size	Lengths	End Types	Colour
HPS-0601A*	1/4"	1 M	1/4"-NPT - Male thread both ends	<p>* To select (single hose) colour or twin hose, add suffix "R", "B" or "T" to hose model number when ordering, eg. "HPS-0606AR", "HPS-0603BB", or "HPS-0602CT"</p> <p>R = Red B = Black T = Twin (Red & Black) Fused</p>  <p>* To order optional Hose Burst Sleeve, add suffix "S" to hose model number, eg. "HPS-0606ARS", "HPS-0603BBS", or "HPS-0602CTS"</p> 
HPS-0602A*		2 M		
HPS-0603A*		3 M		
HPS-0604A*		4 M		
HPS-0606A*		6 M		
HPS-0610A*		10 M		
HPS-0615A*		15 M		
HPS-0620A*		20 M		
HPS-0625A*		25 M		
HPS-0630A*		30 M		
HPS-0601B*		1 M	3/8"-NPT - Male thread both ends	
HPS-0602B*		2 M		
HPS-0603B*		3 M		
HPS-0604B*		4 M		
HPS-0606B*		6 M		
HPS-0610B*		10 M		
HPS-0615B*		15 M		
HPS-0620B*		20 M		
HPS-0625B*		25 M		
HPS-0630B*		30 M		
HPS-0601C*		1 M	CH-6 Male coupling on one end and other end 3/8"-NPT Male thread	
HPS-0602C*		2 M		
HPS-0603C*		3 M		
HPS-0604C*		4 M		
HPS-0606C*		6 M		
HPS-0610C*		10 M		
HPS-0615C*		15 M		
HPS-0620C*		20 M		
HPS-0625C*		25 M		
HPS-0630C*		30 M		
HPS-0601D*	1 M	CH-6 Male coupling on both ends		
HPS-0602D*	2 M			
HPS-0603D*	3 M			
HPS-0604D*	4 M			
HPS-0606D*	6 M			
HPS-0610D*	10 M			
HPS-0615D*	15 M			
HPS-0620D*	20 M			
HPS-0625D*	25 M			
HPS-0630D*	30 M			



When using long hose lengths, it may be necessary to refill the pump reservoir to allow for the oil that has filled the hose. Allow the following volumes per M of hose length:
 HPS-06: 34.21 cc/m
 HPS-10: 75.43 cc/m

Durapac 3/8" bore hoses are ideal when higher flows and lower back pressures are required				
HPS Model No.	Bore Size	Lengths	End Types	Colour
HPS-1001BB*	3/8"	1 M	3/8"-NPT Male thread	Available in Black only
HPS-1002BB*		2 M		
HPS-1003BB*		3 M		
HPS-1004BB*		4 M		
HPS-1006BB*		6 M		
HPS-1010BB*		10 M		
HPS-1015BB*		15 M		
HPS-1020BB*		20 M		
HPS-1025BB*		25 M		
HPS-1030BB*		30 M		
HPS-1001CB*		1 M	CH-6 Male coupling on one end and other end 3/8"-NPT Male	<div>* To order optional Hose Burst Sleeve, add suffix "S" to hose model number, eg. "HPS-1001BBS" or "HPS-1025DBS"</div>
HPS-1002CB*		2 M		
HPS-1003CB*		3 M		
HPS-1004CB*		4 M		
HPS-1006CB*		6 M		
HPS-1010CB*		10 M		
HPS-1015CB*		15 M		
HPS-1020CB*		20 M		
HPS-1025CB*		25 M		
HPS-1030CB*		30 M		
HPS-1001DB*		1 M	CH-6 Male coupling on both ends	
HPS-1002DB*		2 M		
HPS-1003DB*		3 M		
HPS-1004DB*		4 M		
HPS-1006DB*		6 M		
HPS-1010DB*		10 M		
HPS-1015DB*		15 M		
HPS-1020DB*		20 M		
HPS-1025DB*		25 M		
HPS-1030DB*		30 M		

DHO-01L, DHO-05L & DHO-20L

Durapac Hydraulic Oil is a premium hydraulic oil available in handy 1 – 20 L containers

