

### PH453 - 3000 PSI ULTRA HIGH TEMPERATURE MSHA

**Applicable Standard :** ISO 18752 - AC (DN06 - 25) , ISO 18752 - BC & CC (DN31 - 51)



### Construction

- Inner tube** Black colour, synthetic rubber resistant to oil and water
- Reinforcement** Single steel wire braid (DN06 - 12)  
Double steel wire braids (DN16 - 25)  
Four high tensile steel wire spirals (DN31 - 51)
- Cover** Black colour, synthetic rubber resistant to abrasion and weather, oil & ozone. smooth \*and wrap finish applicable only for wire braided hose
- Application** Constant pressure hydraulic lines 210 bar for use with petroleum or water based fluids in hydraulic systems. Suitable for Agricultural, Construction & material handling equipments / systems

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH453-04	-04	06	1/4	6.7	0.50	12.8	3000	210	12000	840	2.0	50	0.216
PH453-05	-05	08	5/16	8.2	0.56	14.3	3000	210	12000	840	2.2	55	0.242
PH453-06	-06	10	3/8	9.8	0.64	16.3	3000	210	12000	840	2.6	65	0.303
PH453-08	-08	12	1/2	13.1	0.80	20.3	3000	210	12000	840	3.5	90	0.446
PH453-10	-10	16	5/8	16.2	0.99	25.1	3000	210	12000	840	3.9	100	0.736
PH453-12	-12	19	3/4	19.3	1.16	29.4	3000	210	12000	840	4.7	120	0.994
PH453-16	-16	25	1	25.9	1.48	37.5	3000	210	12000	840	5.9	150	1.449
PH453-20	-20	31	1.1/4	32.2	1.85	47.0	3000	210	12000	840	8.3	210	2.822
PH453-24	-24	38	1.1/2	38.7	2.11	53.5	3000	210	12000	840	22.0	560	3.566
PH453-32	-32	51	2	51.3	2.56	65.0	3000	210	12000	840	27.6	700	5.132



**Temperature Range :** -40°C to +150°C

**Impulse Cycles :** 2,00,000

**\*Smooth cover available only upto size 1"**