



PBH ISOELITE / 28

STANDARDS: EN 856 R12, ISO 3862-1 R12, SAE 100 R12



Application:

Heavy duty impulsive high pressure hydraulic applications like excavators, dosers, dumpers, cranes, compactors, rock breakers and hydraulic drill rigs and other construction equipments. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water-glycol based fluids and air.

Special Features:

Qualified for 1.0 million impulse cycles which is more than double to relevant EN 856 R12 /ISO 3862- 1 R12 /SAE 100 R12 standards. Exceeds relevant standard pressure rating from 1-1/4"to 2". Good flexibility for compact hydraulic circuits. Good weather and ozone resistance. MSHA approved and flame resistant cover.

Product Code	Dash	DN	Hose ID (inch)	Hose ID (mm)	Braid OD (mm)	Hose OD (mm)	Maximum Working Pressure			Minimum Burst Pressure			Minimum Bend Radius (mm)	Weight/Meter (Kg/mtr)	Recommended Ferrule
							MPa	bar	psi	MPa	bar	psi			
IM41028	-6	10	3/8	9.5	17.2	20.3	28.0	280	4000	112.0	1120	16000	130	0.660	PF 12 10
IM41228	-8	12	1/2	12.7	20.7	23.8	28.0	280	4000	112.0	1120	16000	180	0.840	PF 12 12
IM41628	-10	16	5/8	15.9	24.6	27.4	28.0	280	4000	112.0	1120	16000	200	1.040	PF 12 16
IM41928	-12	19	3/4	19.0	27.7	30.7	28.0	280	4000	112.0	1120	16000	240	1.350	PF 12 19
IM42528	-16	25	1	25.4	34.9	38.0	28.0	280	4000	112.0	1120	16000	300	1.930	PF 12 25
IM43128	-20	31	1-1/4	31.8	43.9	47.0	28.0	280	4000	112.0	1120	16000	420	2.710	MPF 3 31
IM43828	-24	38	1-1/2	38.1	50.4	53.3	28.0	280	4000	112.0	1120	16000	500	3.220	MPF 4 38
IM45128	-32	51	2	50.8	63.6	66.7	28.0	280	4000	112.0	1120	16000	600	4.780	**

Working Temperature: - 40°C to +121°C (Continuous)

Intermittent Temperature: - 40°C to +125°C (10% of total working hours)

Note: 1MPa = 10 bar = 145 psi

** For Recommended Ferrule code please e-mail us at techsupport@pixtrans.com.