

## PBH ISOELITE / 35

**STANDARDS:** EN 856 R13, ISO 3862-1 R13, SAE 100 R13



### 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 double to relevant EN 856 R13 /ISO 3862-1 R13 /SAE 100 R13 standards. Constant pressure rating irrespective of size for easy selection where high pressure coupled with high volumetric discharge is required. 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
IM41035	-6	10	3/8	9.5	17.5	20.5	35.0	350	5000	140.0	1400	20000	130	0.710	PF 12 10
IM41235	-8	12	1/2	12.7	21.0	24.0	35.0	350	5000	140.0	1400	20000	180	0.880	PF 12 12
IM41635	-10	16	5/8	15.9	24.6	27.6	35.0	350	5000	140.0	1400	20000	200	1.200	PF 12 16
IM41935	-12	19	3/4	19.0	29.0	32.1	35.0	350	5000	140.0	1400	20000	240	1.510	MPF 3 19
IM42535	-16	25	1	25.4	35.6	38.7	35.0	350	5000	140.0	1400	20000	300	2.110	MPF 3 25
IM63135	-20	31	1-1/4	31.8	46.8	49.8	35.0	350	5000	140.0	1400	20000	420	3.580	MPF 4 31
IM63835	-24	38	1-1/2	38.1	54.3	57.3	35.0	350	5000	140.0	1400	20000	500	4.910	MPF 4 38
IM65135	-32	51	2	50.8	68.1	71.1	35.0	350	5000	140.0	1400	20000	600	6.890	MPF 4 51

**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](mailto:techsupport@pixtrans.com).