// WIRE SPIRAL - POWERFLEXBIO

// POWERFLEXBIO 4000 - HI-TUFF



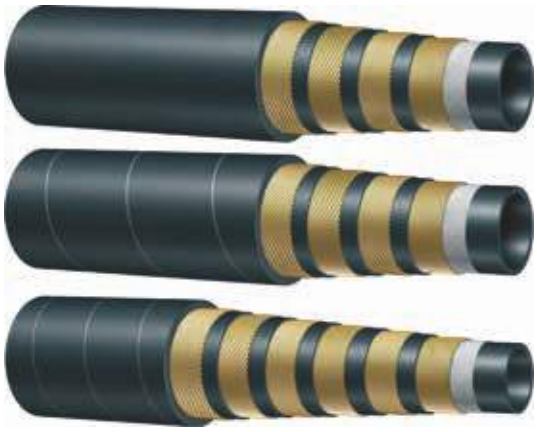
MSHA

ISO 18752

Tube: oil resistant synthetic rubber and biodegradable hydraulic fluids.
Reinforcement: four high tensile steel spirals.
Cover: smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.
Application: developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.
Temperature: -40 °C +121 °C (-40 °F +250 °F)
Length: random up to 1" - 61 m max over 1"1/4
DH SCAN crimp short code: PFB40

Item Code	Constr.	ID (Dash)	ID (in)	ID (mm)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1001743	4WS	12	3/4"	19,0	29,5	1,16	28,0	4000	112,0	16000	120	4,72	1,019	0,69
1001744	4WS	16	1"	25,0	37,5	1,48	28,0	4000	112,0	16000	150	5,91	1,556	1,05
1002799	4WS	24	1 1/2"	38,0	51,8	2,04	29,0	4200	116,0	16800	420	16,54	2,907	1,96
1002491	4WS	32	2"	51,0	67,6	2,66	28,0	4000	112,0	16000	630	24,80	4,383	2,95

// POWERFLEXBIO 5000 - HI-TUFF



MSHA

ISO 18752

Tube: oil resistant synthetic rubber and biodegradable hydraulic fluids.
Reinforcement: four/six high tensile steel spirals.
Cover: smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.
Application: developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.
Temperature: -40 °C +121 °C (-40 °F +250 °F)
Length: random up to 1" - 61 m max over 1"1/4
DH SCAN crimp short code: 4WS: PFB50 / 6WS: PFB50-6S

Item Code	Constr.	ID (Dash)	ID (in)	ID (mm)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1001745	4WS	10	5/8"	16,0	25,9	1,02	35,0	5000	140,0	20000	140	5,51	0,927	0,63
1001746	4WS	12	3/4"	19,0	31,0	1,22	35,0	5000	140,0	20000	150	5,91	1,228	0,83
1001747	4WS	16	1"	25,0	38,0	1,50	35,0	5000	140,0	20000	180	7,09	1,710	1,15
1001748	4WS	20	1 1/4"	32,0	45,8	1,80	35,0	5000	140,0	20000	280	11,02	2,463	1,66
1001946	6WS	24	1 1/2"	38,0	54,8	2,16	35,0	5000	140,0	20000	500	19,69	3,924	2,64
1001947	6WS	32	2"	51,0	70,2	2,76	35,0	5000	140,0	20000	550	21,65	6,174	4,15

Design and dimensions shown may be changed without prior notice

// POWERFLEXBIO 5000 PLUS - HI-TUFF



MSHA

ISO 18752

Tube: oil resistant synthetic rubber and biodegradable hydraulic fluids.
Reinforcement: four high tensile steel spirals.
Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.
Application: developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.
Temperature: -40 °C +121 °C (-40 °F +250 °F)
Length: random
DH SCAN crimp short code: PFB55

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1001749	12	19,0	3/4"	31,4	1,24	38,0	5500	152,0	22040	180	7,09	1,266	0,86
1001734	16	25,0	1"	38,0	1,50	38,0	5500	152,0	22040	210	8,27	1,918	1,29

// POWERFLEXBIO 6000 - HI-TUFF



MSHA

ISO 18752 - exceeds SAE 100 R15

Tube: oil resistant synthetic rubber and biodegradable hydraulic fluids.
Reinforcement: four/six high tensile steel spirals.
Cover: smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.
Application: developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.
Temperature: -40 °C +121 °C (-40 °F +250 °F)
Length: random up to 1" - 61 m max over 1"1/4
DH SCAN crimp short code: up to 1": PFB60 / 1 1/4" 4WS: PFB60-4S / 6WS: PFB60-6S

Item Code	Constr.	ID (Dash)	ID (in)	ID (mm)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1001751	4WS	4	1/4"	6,0	17,3	0,68	45,0	6550	180,0	26200	60	2,36	0,518	0,35
1001752	4WS	6	3/8"	10,0	19,9	0,78	44,5	6450	178,0	25800	75	2,95	0,630	0,43
1001735	4WS	8	1/2"	13,0	23,0	0,91	42,0	6000	168,0	24000	90	3,54	0,745	0,51
1001736	4WS	10	5/8"	16,0	28,2	1,11	42,0	6000	168,0	24000	180	7,09	1,260	0,85
1001737	4WS	12	3/4"	19,0	31,4	1,24	42,0	6000	168,0	24000	210	8,27	1,417	0,96
1001738	4WS	16	1"	25,0	38,6	1,52	42,0	6000	168,0	24000	250	9,84	1,991	1,34
1002492	4WS	20	1 1/4"	32,0	46,1	1,81	42,0	6000	168,0	24000	445	17,52	2,859	1,93
1002493	6WS	20	1 1/4"	32,0	49,4	1,94	42,0	6000	168,0	24000	445	17,52	3,415	2,30
1002494	6WS	24	1 1/2"	38,0	56,5	2,22	42,0	6000	168,0	24000	530	20,87	4,476	3,01
1003506	6WS	32	2"	51,0	71,0	2,80	42,0	6000	168,0	24000	650	25,59	6,398	4,30

Item Code 1002492: to be assembled with Interlock fittings (H14...) only.

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