

// POWERFLEXBIO

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// PF3K - POWERFLEXBIO 3000 HI-TUFF



// ISO 18752 - EXCEEDS SAE 100 R12

Tubo: gomma sintetica resistente agli oli e ai fluidi idraulici biodegradabili.

Rinforzo: quattro/sei spirali in acciaio ad alta resistenza.

Copertura: gomma sintetica resistente all'abrasione, all'ozono e agli idrocarburi.

APPROVATO MSHA

Applicazioni: sviluppato per applicazioni dove sono richieste elevate prestazioni in termini di pressione, impulsi e flessibilità.

Esercizio costante: -40 °C +121 °C

Lunghezza: 61 m da 1 1/4" fino a 3"

Note: disponibile anche con copertura TUFLEX

Tube: oil resistant synthetic rubber and biodegradable hydraulic fluids.

Reinforcement: four/six high tensile steel spirals.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

MSHA APPROVED

Applications: developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.

Constant operation: -40 °C +121 °C (-40 °F +250 °F)

Length: 61 m from 1 1/4" to 3"

Notes: also available with TUFLEX cover

Code	Const.	↔↔↔			↔↔↔		↔↔↔		↔↔↔		↔↔↔		↔↔↔	
		Dash	mm	In	mm	In	Mpa	psi	Mpa	psi	mm	In	Kg/m	lb/ft
DUNLOP PF3K-20	4WS	20	32,0	1 1/4"	45,70	1,80	21,0	3000	84,0	12000	230,0	9,06	2,245	1,51

// PF4K - POWERFLEXBIO 4000 HI-TUFF



// ISO 18752

Tubo: gomma sintetica resistente agli oli e ai fluidi idraulici biodegradabili.

Rinforzo: quattro spirali in acciaio ad alta resistenza.

Copertura: gomma sintetica resistente all'abrasione, all'ozono e agli idrocarburi.

APPROVATO MSHA

Applicazioni: sviluppato per applicazioni dove sono richieste elevate prestazioni in termini di pressione, impulsi e flessibilità.

Esercizio costante: -40 °C +121 °C

Lunghezza: random fino a 1" - 61 m max sopra 1 1/4"

Note: disponibile anche con copertura TUFLEX

Tube: oil resistant synthetic rubber and biodegradable hydraulic fluids.

Reinforcement: four high tensile steel spirals.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

MSHA APPROVED

Applications: developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.

Constant operation: -40 °C +121 °C (-40 °F +250 °F)

Length: random up to 1" - 61 m max over 1 1/4"

Notes: also available with TUFLEX cover

Code	Const.	↔↔↔			↔↔↔		↔↔↔		↔↔↔		↔↔↔		↔↔↔	
		Dash	mm	In	mm	In	Mpa	psi	Mpa	psi	mm	In	Kg/m	lb/ft
DUNLOP PF4K-12	4WS	12	19,0	3/4"	29,50	1,16	28,0	4000	112,0	16000	120,0	4,72	1,019	0,69
DUNLOP PF4K-16	4WS	16	25,0	1"	37,50	1,48	28,0	4000	112,0	16000	150,0	5,91	1,637	0,99
DUNLOP PF4K-20	4WS	20	32,0	1 1/4"	46,40	1,83	28,0	4000	112,0	16000	260,0	10,24	2,264	1,50
DUNLOP PF4K-24	4WS	24	38,0	1 1/2"	51,80	2,04	29,0	4200	116,0	16800	420,0	16,54	2,864	1,98
DUNLOP PF4K-32	4WS	32	51,0	2"	67,60	2,66	28,0	4000	112,0	16000	630,0	24,8	4,475	3,00

// PF5K - POWERFLEXBIO 5000 HI-TUFF



// ISO 18752

Tubo: gomma sintetica resistente agli oli e ai fluidi idraulici biodegradabili.

Rinforzo: quattro/sei spirali in acciaio ad alta resistenza.

Copertura: gomma sintetica resistente all'abrasione, all'ozono e agli idrocarburi. **APPROVATO MSHA**

Applicazioni: sviluppato per applicazioni dove sono richieste elevatissime prestazioni in termini di pressione, impulsi e flessibilità.

Esercizio costante: -40 °C +121 °C

Lunghezza: random fino a 1" - 61 m max sopra 1 1/4"

Note: disponibile anche con copertura TUFLEX

Tube: oil resistant synthetic rubber and biodegradable hydraulic fluids.

Reinforcement: four/six high tensile steel spirals.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

MSHA APPROVED

Applications: developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.

Constant operation: -40 °C +121 °C (-40 °F +250 °F)

Length: random up to 1" - 61 m max over 1 1/4"

Notes: also available with TUFLEX cover

Code	Const.	↔			↔		↺		↻		↻		↷		
		Dash	mm	In	mm	In	Mpa	psi	Mpa	psi	mm	In	Kg/m	lb/ft	
DUNLOP PF5K-10	4WS	10	16,0	5/8"	25,90	1,02	35,0	5000	140,0	20000	140,0	5,51	0,873	0,59	
DUNLOP PF5K-12	4WS	12	19,0	3/4"	31,00	1,22	35,0	5000	140,0	20000	150,0	5,91	1,228	0,83	
DUNLOP PF5K-16	4WS	16	25,0	1"	37,80	1,49	35,0	5000	140,0	20000	180,0	7,09	1,678	1,13	
DUNLOP PF5K-20	4WS	20	32,0	1 1/4"	45,80	1,80	35,0	5000	140,0	20000	280,0	11,02	2,521	1,70	
DUNLOP PF5K-24	6WS	24	38,0	1 1/2"	56,50	2,22	35,0	5000	140,0	20000	500,0	19,69	4,483	3,02	
DUNLOP PF5K-32	6WS	32	51,0	2"	70,20	2,76	35,0	5000	140,0	20000	550,0	21,65	6,159	4,14	

// PF5K PLUS - POWERFLEXBIO 5000 PLUS HI-TUFF



// ISO 18752

Tubo: gomma sintetica resistente agli oli e ai fluidi idraulici biodegradabili.

Rinforzo: quattro spirali in acciaio ad alta resistenza.

Copertura: gomma sintetica resistente all'abrasione, all'ozono e agli idrocarburi. **APPROVATO MSHA**

Applicazioni: sviluppato per applicazioni dove sono richieste elevatissime prestazioni in termini di pressione, impulsi e flessibilità.

Esercizio costante: -40 °C +121 °C

Lunghezza: random

Note: disponibile anche con copertura TUFLEX

Tube: oil resistant synthetic rubber and biodegradable hydraulic fluids.

Reinforcement: four high tensile steel spirals.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

MSHA APPROVED

Applications: developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.

Constant operation: -40 °C +121 °C (-40 °F +250 °F)

Length: random

Notes: also available with TUFLEX cover

Code	Const.	↔			↔		↺		↻		↻		↷		
		Dash	mm	In	mm	In	Mpa	psi	Mpa	psi	mm	In	Kg/m	lb/ft	
DUNLOP PF5K PLUS-12	4WS	12	19,0	3/4"	31,40	1,24	38,0	5500	152,0	22040	180,0	7,09	1,324	0,89	
DUNLOP PF5K PLUS-16	4WS	16	25,0	1"	38,00	1,50	38,0	5500	152,0	22040	210,0	8,27	1,918	1,29	

// PF6K - POWERFLEXBIO 6000 HI-TUFF



// ISO 18752 - EXCEEDS SAE 100 R15

Tubo: gomma sintetica resistente agli oli e ai fluidi idraulici biodegradabili.

Rinforzo: quattro/sei spirali in acciaio ad alta resistenza.

Copertura: gomma sintetica resistente all'abrasione, all'ozono e agli idrocarburi. **APPROVATO MSHA**

Applicazioni: sviluppato per applicazioni dove sono richieste elevate prestazioni in termini di pressione, impulsi e flessibilità.

Esercizio costante: -40 °C +121 °C

Lunghezza: random fino a 1" - 61 m max sopra 1 1/4"

Note: disponibile anche con copertura TUFLEX

Tube: oil resistant synthetic rubber and biodegradable hydraulic fluids.

Reinforcement: four/six high tensile steel spirals.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

MSHA APPROVED

Applications: developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.

Constant operation: -40 °C +121 °C (-40 °F +250 °F)

Length: random up to 1" - 61 m max over 1 1/4"

Notes: also available with TUFLEX cover

Code	Const.													
		Dash	mm	In	mm	In	Mpa	psi	Mpa	psi	mm	In	Kg/m	lb/ft
DUNLOP PF6K-04	4WS	04	6,0	1/4"	16,90	0,67	45,0	6550	180,0	26200	60,0	2,36	0,540	0,37
DUNLOP PF6K-06	4WS	06	10,0	3/8"	19,90	0,78	44,5	6450	178,0	25800	75,0	2,95	0,620	0,42
DUNLOP PF6K-08	4WS	08	13,0	1/2"	23,00	0,91	42,0	6000	168,0	24000	90,0	3,54	0,749	0,51
DUNLOP PF6K-10	4WS	10	16,0	5/8"	28,00	1,10	42,0	6000	168,0	24000	180,0	7,09	1,190	0,80
DUNLOP PF6K-12	4WS	12	19,0	3/4"	31,20	1,23	42,0	6000	168,0	24000	210,0	8,27	1,429	0,97
DUNLOP PF6K-16	4WS	16	25,0	1"	37,80	1,49	42,0	6000	168,0	24000	250,0	9,84	2,026	1,37
DUNLOP PF6K-20	6WS	20	32,0	1 1/4"	49,40	1,94	42,0	6000	168,0	24000	445,0	17,52	3,401	2,29
DUNLOP PF6K-24	6WS	24	38,0	1 1/2"	56,50	2,22	42,0	6000	168,0	24000	530,0	20,87	4,480	3,02
DUNLOP PF6K-32	6WS	32	51,0	2"	71,00	2,80	42,0	6000	168,0	24000	650,0	25,59	6,159	4,24