

PH 344 / PH 345 - HIGH PRESSURE PAINT SPRAY

Polyhose Proprietary Product



Construction

Core	Polyamide
Reinforcement	One or more braids of Synthetic Fiber with anti-static polymeric layer
Cover	Polyurethane, Blue Colour
Application	Airless paint spray systems for 228 to 360 bar. Suitable for applications requiring chemical resistance to solvents and aggressive fluids. Specially suitable for pulsating electric piston pumps

Note: Factory made hose assemblies of PH344-4 available with UL mark. Approval can be seen @www.ul.com;
Special colours available on request

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
PH344-03	-03	05	3/16	4.8	0.413	10.5	3,500	240	14,000	960	3.5	88	95
PH344-04	-04	06	1/4	6.4	0.520	13.2	3,300	228	13,200	912	4.0	100	131
PH344-06	-06	10	3/8	9.5	0.690	17.5	3,300	228	13,200	912	5.0	125	241
PH344-08	-08	12	1/2	12.7	0.890	22.6	3,300	228	13,200	912	7.0	175	351
PH345-03	-03	05	3/16	4.8	0.435	11.0	5,200	360	15,600	1,080	3.5	88	110
PH345-04	-04	06	1/4	6.4	0.520	13.2	5,200	360	15,600	1,080	4.1	104	145
PH345-06	-06	10	3/8	9.5	0.730	18.5	3,600	250	14,400	1,000	5.1	130	270



Temperature Range: Continuous: -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids

PH346 - VERY HIGH PRESSURE PAINT SPRAY

Polyhose Proprietary Product



Construction

Core	Polyamide
Reinforcement	One or more braids of aramid fiber with anti-static polymeric layer
Cover	Polyurethane, Blue Colour, pin pricked
Application	High pressure Airless paint spray systems for 245 to 350 bar. Suitable for applications requiring chemical resistance to solvents and aggressive fluids

Note: Special colours available on request

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
PH346-03	-03	05	3/16	4.8	0.413	10.5	5,000	350	20,000	1,400	2.0	50	95.0
PH346-04	-04	06	1/4	6.4	0.490	12.4	5,000	350	20,000	1,400	3.0	75	125.0
PH346-06	-06	10	3/8	9.5	0.630	16.0	4,350	300	17,400	1,200	4.0	100	194.0
PH346-08	-08	12	1/2	12.7	0.760	19.3	3,500	245	14,000	980	4.7	120	250.0



Temperature Range: Continuous: -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids

EF 344 / EF 345 - HIGH PRESSURE PAINT SPRAY



Construction

- Core** Polyamide
- Reinforcement** One or more braids of Synthetic Fiber with anti-static polymeric layer
- Cover** Polyurethane, Blue Colour
- Application** Airless paint spray systems for 228 to 360 bar. Suitable for applications requiring chemical resistance to solvents and aggressive fluids. Specially suitable for pulsating electric piston pumps

Note: Factory made hose assemblies of EF344-4 available with UL mark. Approval can be seen @www.ul.com;
Special colours available on request

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
EF344-03	-03	05	3/16	4.8	0.413	10.5	3,500	240	14,000	960	3.5	88	95
EF344-04	-04	06	1/4	6.4	0.520	13.2	3,300	228	13,200	912	4.0	100	131
EF344-06	-06	10	3/8	9.5	0.690	17.5	3,300	228	13,200	912	5.0	125	241
EF344-08	-08	12	1/2	12.7	0.890	22.6	3,300	228	13,200	912	7.0	175	351
EF345-03	-03	05	3/16	4.8	0.435	11.0	5,200	360	15,600	1,080	3.5	88	110
EF345-04	-04	06	1/4	6.4	0.520	13.2	5,200	360	15,600	1,080	4.1	104	145
EF345-06	-06	10	3/8	9.5	0.730	18.5	3,600	250	14,400	1,000	5.1	130	270



Temperature Range: Continuous: -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids

EF 346 - VERY HIGH PRESSURE PAINT SPRAY



Construction

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- Reinforcement** One or more braids of aramid fiber with anti-static polymeric layer
- Cover** Polyurethane, Blue Colour, pin pricked
- Application** High pressure Airless paint spray systems for 245 to 350 bar. Suitable for applications requiring chemical resistance to solvents and aggressive fluids

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			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
EF346-03	-03	05	3/16	4.8	0.413	10.5	5,000	350	20,000	1,400	2.0	50	95.0
EF346-04	-04	06	1/4	6.4	0.490	12.4	5,000	350	20,000	1,400	3.0	75	125.0
EF346-06	-06	10	3/8	9.5	0.630	16.0	4,350	300	17,400	1,200	4.0	100	194.0
EF346-08	-08	12	1/2	12.7	0.760	19.3	3,500	245	14,000	980	4.7	120	250.0



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AS7 ANTISTATIC

Brevetto
N° IT-1328746
Patent



Caratteristiche principali

- Pressione da 70 a 250 bar - rapporto sicurezza 1:4
- Pressione da 93 a 333 bar - rapporto sicurezza 1:3
- Per la conduzione a media pressione di polioli, solventi, vernici e gas compatibili
- Resistenza elettrica minore di $3 \times 10^4 \Omega/m$

Main Features

- Pressure from 70 to 250 bar - safety ratio 1:4
- Pressure from 93 to 333 bar - safety ratio 1:3
- Medium pressure solution for polyols, solvents, paints and compatible gases
- Electrical resistance less than $3 \times 10^4 \Omega/m$

Caratteristiche tecniche

• Caratteristiche tecnico-costruttive:

Anima interna in poliammide, rinforzo con due trecce in fibra poliestere, ricopertura esterna in poliuretano antiabrasione microperforato per passaggio aria e gas compatibili.

La resistenza elettrica della tubazione risulta: minore di $3 \times 10^4 \Omega/m$ secondo la norma ISO 8031.

• Temperature di utilizzo:

Da -40°C a $+100^\circ\text{C}$ Da -40°F a $+212^\circ\text{F}$

Per aria, acqua e fluidi a base acquosa la temperatura massima di esercizio è $+70^\circ\text{C}$ ($+158^\circ\text{F}$).

• Pressioni d'esercizio:

Rapporto di sicurezza 1:4 per pressione DINAMICA (in conformità alle norme SAE)

Rapporto di sicurezza 1:3 per pressione STATICA

• Valore max. di vuoto:

0,93 bar; 700 mm Hg

• Specifiche:

Tubazioni conformi o superiori alle norme SAE J517 sez. SAE 100R7 - ISO 3949.

Technical Features

• Technical-constructive features:

Inner core in polyamide, polyester textile double braid reinforcement, external covering in antiabrasion micro perforated polyurethane for the conduction of air and compatible gases. The hose's electrical resistance is less than $3 \times 10^4 \Omega/m$ in accordance with ISO 8031 Standard.

• Working temperature:

from -40°C to $+100^\circ\text{C}$ from -40°F to $+212^\circ\text{F}$.

Max. working temperature of air, water and water-based fluids is $+70^\circ\text{C}$ ($+158^\circ\text{F}$).

• Working pressure:

Safety ratio 1:4 for DYNAMIC pressure (accoridng to SAE norm)

Safety ratio 1:3 for STATIC pressure

• Vacuum rating:

0.93 bar; 700 mm Hg

• Specifications:

Hoses meet or exceed SAE J517 sect. SAE 100R7 – ISO 3949 Standards. Patent No.

Scheda tecnica - Data Sheet



CODE	inch	-dash	mm	DN	inch	mm	bar	psi	bar	psi	mm	inch	g/m	lbs/ft	FERRULE CODE
AS720102	3/16"	-3	4.8	5	0.413	10.5	250	3625	333	4830	30	0.47	75	0.050	BP316R7
AS730102	1/4"	-4	6.4	6	0.500	12.7	228	3306	304	4409	40	1.18	102	0.068	BP14MT1
AS740102	5/16"	-5	8.0	8	0.563	14.3	190	2755	253	3669	55	1.38	126	0.084	BP516R7V
AS750102	3/8"	-6	9.7	10	0.681	17.3	228	3306	304	4409	60	1.77	179	0.120	BP380L7M
AS760102	1/2"	-8	13.0	12	0.799	20.3	140	2030	187	2712	75	2.17	214	0.144	BP12R7V
AS770102	5/8"	-10	16.0	16	0.925	23.5	105	1522	140	2030	120	2.95	258	0.173	BP58R7V
AS780102	3/4"	-12	19.2	19	1.043	26.5	90	1305	120	1740	145	4.72	301	0.202	BP34R7V
AS790102	1"	-16	25.6	25	1.322	33.6	70	1015	93	1349	200	5.71	369	0.248	BP1R7V