

TUBI TERMOPLASTICI SERIE FR5

Da 45 bar a 120 bar

THERMOPLASTIC HOSES FR5 SERIES

From 45 bar to 120 bar - From 650 psi to 1740 psi



Caratteristiche tecniche dei tubi serie FR5 con rinforzo tessile per impianti di refrigerazione
 Technical features of the FR5 series hoses with textile reinforcement for refrigeration systems

		Ø				Pressione a 23°C Pressure at 23°C		Pressione Pressure		Raggio Radius				
Riferimento	Tipo	interno inch.	interno mm.	esterno inch.	esterno mm.	Scoppio min. bar	Scoppio min. psi	Esercizio max. bar	Esercizio max. psi	Curvatura min. mm.	Curvatura min. inch.	Peso g/m	Peso lbs/ft	Codice Boccola
Reference	Type	internal inch.	internal mm.	external inch.	external mm.	min. Burst bar	min. Burst psi	Working max. bar	Working max. psi	min. Bend mm.	min. Bend inch.	Weight g/m	Weight lbs/ft	Ferrule Code
* FR557210100	DN2	1/12"	2.1	0.236	6.0	600	8700	120	1740	15	0.59	28	0.019	BP112FR5ALN
* FR510100	DN4	5/32"	4.0	0.323	8.2	600	8700	120	1740	30	1.18	43	0.029	BP532FR5AL
* FR520100	DN5	3/16"	4.8	0.398	10.1	600	8700	120	1740	50	1.97	69	0.046	BP316R7
* FR530100	DN6	1/4"	6.4	0.468	11.9	600	8700	120	1740	75	2.95	86	0.058	BP14R7
FR540100	DN8	5/16"	8.1	0.559	14.2	300	4350	60	870	89	3.50	120	0.081	BP516R7V
FR550100	DN10	3/8"	9.7	0.614	15.6	300	4350	60	870	100	3.94	134	0.090	BP38R7V
FR560100	DN12	1/2"	12.9	0.760	19.3	300	4350	60	870	125	4.92	180	0.121	BP12R7V
FR570100	DN16	5/8"	16.0	0.878	22.3	225	3250	45	650	165	6.50	209	0.140	BP58R7
FR580100	DN20	3/4"	19.2	0.996	25.3	225	3250	45	650	250	9.84	257	0.173	BP34R7
FR590100	DN25	1"	25.4	1.272	32.3	225	3250	45	650	300	11.81	344	0.231	BP1R7

Caratteristiche tecnico-costruttive:

Anima interna in poliammide, rinforzo in fibra poliestere e ricopertura esterna in poliuretano antiabrasione micro perforato.

Applicazioni:

Le tubazioni della serie FR5 sono state create per passaggio refrigerante R22, R134A, R404, R407, R410, R507 e per i tubi con * anche CO₂, con i relativi oli lubrificanti POE.

Temperature di utilizzo:

Da -45°C a +130°C Da -49°F a +266°F

Pressioni d'esercizio:

Rapporto di sicurezza 1:5

Valore max. di vuoto:

-0,93 bar; 700 mm Hg

Specifiche:

Norma UNI EN 1736,
 Regolamento "REACH" (EC n° 1907/2006),
 Direttiva Europea n° 2002/95/EC "RoHS".

Technical-constructive features:

Internal core in polyamide, reinforcement in polyester fiber, exterior covering in micro perforated antiabrasion polyurethane.

Applications:

FR5 series hoses have been created for the through flow of R22, R134A, R404, R407, R410, R507 refrigerants for hoses with * also CO₂, and relevant POE oils lubricants.

Utilization temperature:

From -45°C to +130°C From -49°F to +266°F

Working pressure:

Safety ratio 1:5

Vacuum Rating:

-13,5 psi; 27,5 inch Hg

Specifications:

Standards UNI EN 1736,
 Regulation "REACH" (EC n° 1907/2006),
 European Directive n° 2002/95/EC "RoHS".