

FG300 HOSE

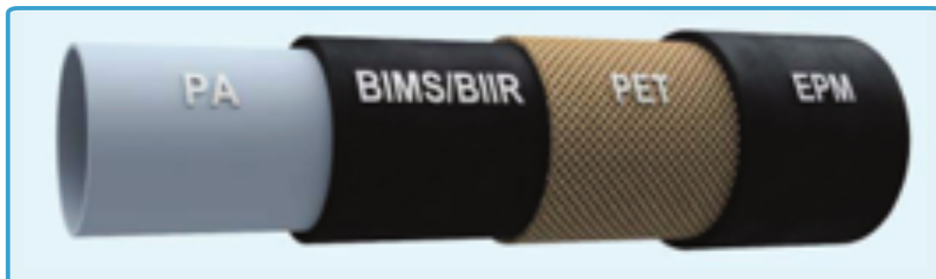
Exceeds SAE J3062TYPE E

Exceeds SAE J2064 TYPE E (assembled)

SPECIFIC HOSE FOR AIR CONDITIONING AND REFRIGERATION SYSTEMS

SPECIAL FEATURES

- ❄ Very low minimum bending radius
- ❄ High temperature resistant
- ❄ Low noise transmission
- ❄ Low permeability
- ❄ High flexibility
- ❄ Good performances in:
 - vacuum resistance
 - ageing resistance
 - kinking resistance
 - adhesion rate between layers



KEY PERFORMANCES

- ❄ One piece field attachable solution available with Frigoflex® fittings:
 - "2x---C---" up to 35 bar
 - "2x---H---" and "2x---F---" up to 45 bar
- ❄ Advantage in assembling with Frigoflex® fittings
- ❄ Easy installation in constrictive space

TECHNICAL DATA

MAX WORKING PRESSURE: **45 bar (4.5 Mpa); 653 PSI**

BURST PRESSURE: **>200 bar (>20 MPa)*; >2,900 PSI***

WORKING TEMPERATURE: **-35°C to 140°C; -31°F to 284°F**

PEAK TEMPERATURE: **160°C; 320°F**

MOISTURE INGRESSION: **SAE J2064 Class II**

REFRIGERANTS: **R134a, R404A, R407C, R410a, R1234yf, R452 A**

LUBRICANTS: **PAG, POE**

DASH #	SIZE 		INSIDE NOMINAL DIAMETER 		OUTSIDE NOMINAL DIAMETER 		WEIGHT 		MIN BENDING RADIUS 		PERMEABILITY 	
	mm	in	mm	in	mm	in	g/m	lbs/ft	mm	in	kg/m²/yr	lbs/ft²/yr
06	8	5/16"	8.0 ±0.3	.315 ±0.12	14.5 ±0.4	.571 ±0.16	140	.094	40	1.57	< 0.5	<.102
08	10	13/32"	10.0 ±0.3	.394 ±0.12	16.5 ±0.4	.650 ±0.16	158	.106	55	2.17	< 0.6	<.123
10	13	1/2"	13.0 ±0.3	.512 ±0.12	20.9 ±0.5	.823 ±0.20	255	.171	60	2.36	< 0.7	<.143
12	16	5/8"	16.0 ±0.3	.630 ±0.12	24.1 ±0.5	.949 ±0.20	298	.200	80	3.15	< 0.8	<.164
14	19	3/4"	19.0 ±0.4	.748 ±0.16	28.0 ±0.5	1.102 ±0.20	498	.335	115	4.53	< 0.9	<.184
18	25	1"	25.0 ±0.4	.984 ±0.16	35.0 ±0.5	1.378 ±0.20	595	.400	140	5.51	< 1.0	<.205

* DASH 18-DN25-1": BURST PRESSURE >180 bar; >2,610 PSI