

FG100 HOSE

SAE J2064 TYPE E

SPECIFIC HOSE FOR AIR CONDITIONING AND REFRIGERATION SYSTEMS

SPECIAL FEATURES

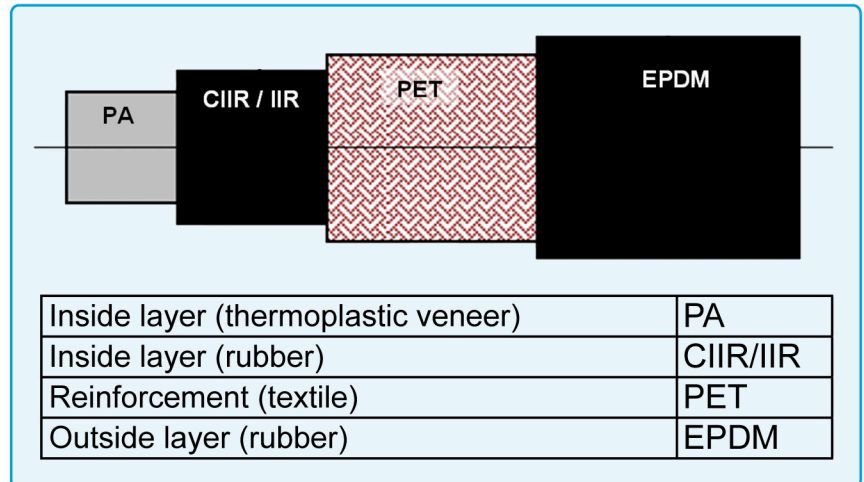
- * High flexibility
- * Very low minimum bending radius
- * Low noise transmission
- * Low permeability
- * Good performances in:
 - kinking resistance
 - aging resistance
 - vacuum resistance
 - adhesion rate between layers

KEY PERFORMANCES

- * One piece field attachable solution available with Frigoflex™ fittings
- * Advantage in assembling with Frigoflex™ fittings
- * Easy installation in constrictive space

TECHNICAL DATA

MAX WORKING PRESSURE:	35 bar (3.5 MPa)
BURST PRESSURE:	>200 bar (>20 MPa)
WORKING TEMPERATURE:	-40°C to 125 °C
PEAK TEMPERATURE:	135°C
MOISTURE INGRESSION:	SAE J2064 Class II
REFRIGERANTS:	R-134a, R-404A, R-407C
LUBRICANTS:	PAG, POE



DASH	SIZE		INSIDE DIAMETER (mm)			OUTSIDE DIAMETER (mm)			WEIGHT g/m	MIN. BENDING RADIUS mm	PERMEABILITY Kg/m2/yr
	mm	inches	Min	Nominal	Max	Min	Nominal	Max			
06	8	5/16"	7,7	8,0	8,3	14,2	14,5	14,8	136	35	< 0,7
08	10	13/32"	9,7	10,0	10,3	16,1	16,5	16,9	154	40	< 0,7
10	13	1/2"	12,7	13,0	13,3	20,4	20,7	21,4	249	50	< 0,8
12	16	5/8"	15,7	16,0	16,3	23,6	23,9	24,6	293	60	< 0,8