

RELEASED	HOSE DESIGN SPECIFICATION	534-826
<u>GALAXY 4826</u>		



Tube - CR, Barrier - PA, Friction - NBR, Reinforcement - PET, Friction - SBR, Reinforcement - PET, Cover - EPDM

Type of Hose:

A/C REFRIGERANT Hose

Temperature Range:

-30°C to 125°C, excursions to 135°C

Refrigerant and Oil Compatibility:

Compatible with R-1234yf/R-134a refrigerants and Select PAG and POE compressor lubricants.

Size (inch)	5/16"	13/32"	1/2"	5/8"
DASH (-)	-6	-8	-10	-12
Inside Diameter -Nominal (mm)	DN8	DN10	DN13	DN16
Inside Diameter (mm)	8.2	10.6	13.2	16.4
ID Tolerance (+/- mm) **	0.4	0.4	0.5	0.5
Outside Diameter (mm)	19.3	23.3	25.7	28.9
OD Tolerance (+/- mm) **	0.5	0.5	0.5	0.5
Weight (g/m)	300	420	490	570
Burst Pressure (MPa)	>20	>20	>20	>18
Min Bending Radius-bulk hose^ (mm)	18	24	36	54
Bending Radius - formed hoses (mm)	N/A	N/A	N/A	N/A
Max Concentricity (mm)	0.8	0.8	0.8	0.8
Permeation (R-1234yf) kg/m2/yr	N/A	N/A	N/A	N/A
Permeation (R-134a) kg/m2/yr*	2.0	1.3	1.5	1.3

** ID/OD and tolerances are approximate. For exact dimension, contact plant where product is produced.

^ Hose under vacuum 24°C, over mandrel to 20% reduction in OD, with natural curvature.

* As Published in SAE in 2012.

Hose Features and Benefits:

- Two Polyester Spiral Barrier Hose Type C Class II

OE/Organization	Standard	Type
SAE	J3062	C, Class II

Date: 8/25/2016	Revision: Original	Constructed: T Wills	Checked: G Douglass	Released: B. Henry	Page: 1 of 1
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