

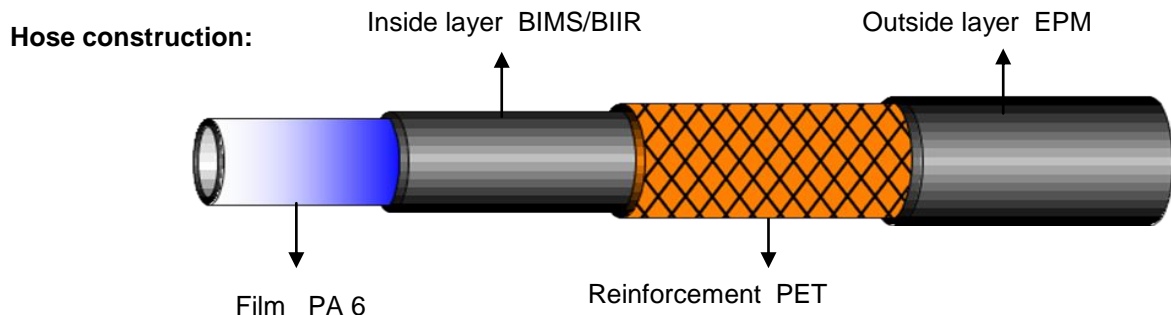
AKD Verteiler:	Data sheet	38/07/2-2
<b><u>Airconditioning hose DN 10 H3</u></b>		

Temperature Range	Working Temperature:	-40 to 150 °C	
	Peak Temperature:	160°C	
Refrigeration	Refrigerant:	R134a R1234yf *	
	Compressor oil:	PAG**	
Identification	- PHX DN 10 H3 PA6-BIMS/BIIR-PET-EPM -		
<b>Product description</b>	<b>unit</b>	<b>value</b>	
Inside diameter	mm	10,0 ± 0,3	
Outside diameter	mm	16,5 ± 0,4	
Max. Eccentricity	mm	0,3	
Adhesion test –films inner layer – elastomer innerlayer	N/mm	>3,0	
Adension test – for Reinforcements	N/mm	>2,5	
Weight	g/m	156	
<b>Functional description</b>	<b>unit</b>	<b>value</b>	
Operating pressure	MPa	3,5	
Burst pressure (specified)	MPa	>13,7	
Bending radius	mm	R70 (yard ware) R40 (preformed hoses)	
Permeation***		R134a	R1234yf*
	VDA (240h,90°C) [g/m/d]	<0,2	<0,2
	SAE J2727 [kg/m²y]	<0,5	<0,5
<b>Customer standard</b>	<b>Standard</b>	<b>Conformity</b>	
VW Group	TL 82316	Yes	
Daimler AG	A211 830 0600	Yes	
BMW AG	QV 64005	Yes	
Renault S.A.	RSA 32-02-017	Yes	
General Motors Company	GMW 14319	Yes	
MAN SE	MAN M3118-2	Yes	
Scania AB	TR1323-030320	Yes	
	EU Richtlinie 2006/40/EG	Yes	
	SAE 2064	type E	

\* released for BMW, Daimler and VW (suction / liquid side)

\*\* approved oils available upon request

\*\*\* Permeation determined on AC-lines



Date	Revision	compiled	released	Seite
2016-08-10	2	Steffen Bundschuh	Rene Kling	1 von 1