

PRODUCT TEST REPORT

BUYER	ACSEAL GAZ			Report No.: HGJ181027-A006				
PRODUCT	blue oxygen hose			Item no.		HTI14X50T		
DATE	02.07.2021			Qty		5000M		
Production batch	181020-A006			Standard		EN ISO 3821: 2010		
Item No.	Inspection method	Test items		Technical indicators		Test Result		
				Inner tube	Cover	Inner tub	Cover	
1	Sampling	ID/OD(mm)		9±0.5mm	16±0.5mm	9.2mm	16.1mm	pass
2		Concentricity		D=(4~6.3)≤1mm		/		/
				D=(8~16)≤1.25mm		0,8		pass
3		Hardness				66HA	65HA	pass
4		Tensile Strength		≥ 5.0 MPa	≥ 7.0 MPa	5,2	7,1	pass
5		Elongation at break		≥ 200%	≥ 300%	285	345	pass
6		Rate of elongation change after hot air aging	(100℃×72h)	-50%	-50%	-21.4	-33.6	pass
7		Rate of change of tensile strength after hot air aging		-20%	-20%	+7.5	+8.5	pass
8		Minimum burst test		≥ 6MPa		6.3MPa		pass
9		Verification pressure	Normal load	≥ 4MPa×90s		No leakage		pass
10		[Rubber hose] Change under maximum working pressure	Length	±5%		3,4		pass
			Diameter	±10%		5,2		pass
11	[acetylene rubber hose] Liquid resistance		≤8%		5,5		pass	
12	Ozone resistance 40℃×70h		No cracks on the cover		No cracks		pass	
Qualified								
Upon inspection, this batch of products complies with the EN ISO 3821:2010 standard and is approved for delivery.								

Approved: 吴儒龙

Check: 杜贤平

Jiangsu Haoguanjia Rubber Industry Co.,Ltd
Quality Inspection Section

