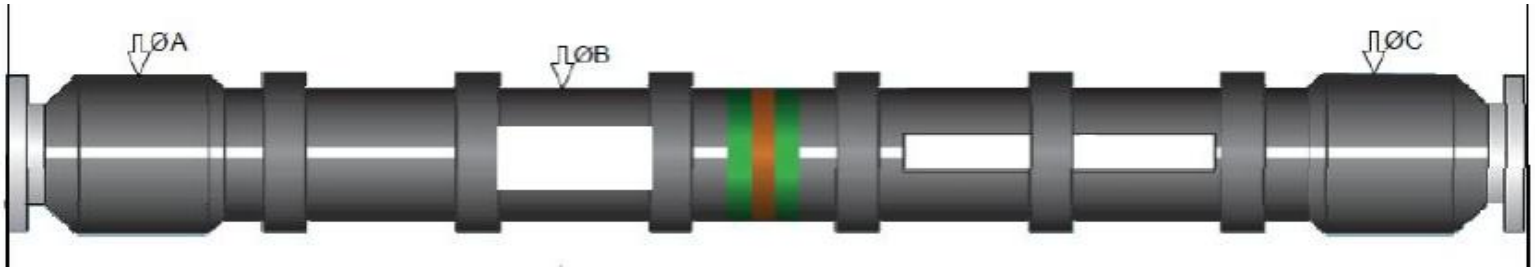
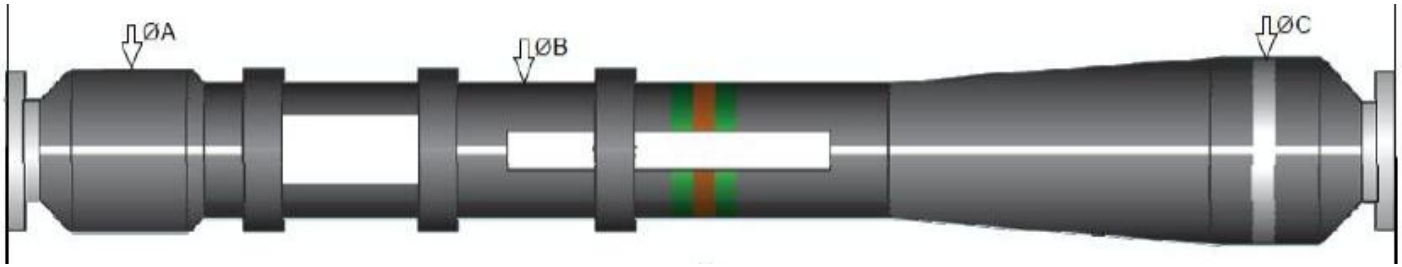
软管规格图　HOSE SPECIFICATION



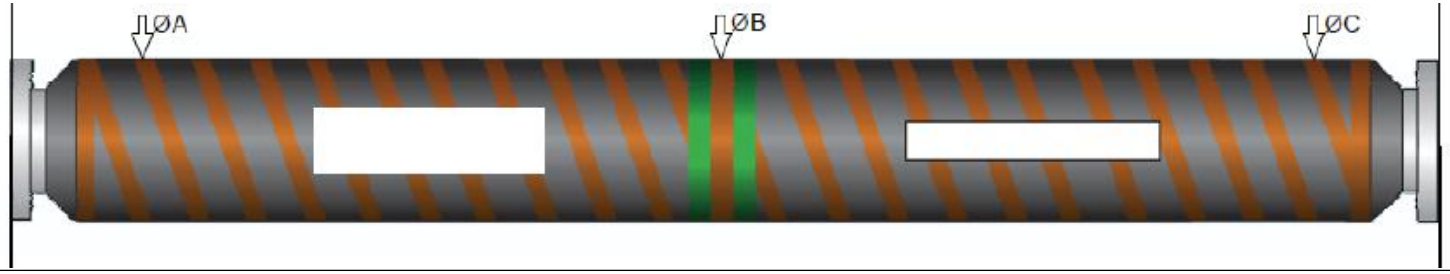
软管类型 Hose Type	海底主线型（HY-SM 系列） Submarine Main Line (HY-SM series)		
软管结构 Hose Construction		软管参数 Hose Parameter	
内衬 Liner Tube	以丁晴橡胶为主，耐受芳烃含量最高达 60%的碳氢化合物 NBR based Rubber, resistant to hydrocarbons with aromatic content up to 60%	标称口径 Nominal Bore(mm)	150mm（6″）/200mm(8″) /250mm（10″）/300mm(12″) /400mm（16″）/500mm(20″ /600mm(24″)
主管体 Main Carcass	含多层高强度帘线和内嵌钢丝螺旋的弹性体 Elastomer reinforced with multi-layers of high tensile textile cords adn embedded steel wire helix	标准长度 Standard Length	9.1m(30') /10.7m(35') /12.2m(40') /小于 12.2m 的非标长度 9.1m(30') /10.7m(35') /12.2m(40') non-standard less than 12.2m
副管体 Secondary Carcass	含多层高强度帘线的弹性体 Elastomer reinforced with multi-layers lf high tensile textile cords	压力等级 Pressure Rating	15BAR/19BAR/21BAR/更高等级可选做 15bar/19bar/21bar/higher pressure ratings on request
浮体材料 Floatation		最小爆破压力 Minimum Burst Pressure	五倍额定工作压力 5 times of working pressure
外层 Out Cover	耐老化、耐磨、耐天候、耐阳光、耐撕裂、耐油、并且耐少水渗透的，含 有纤维增强层的平滑外胶层 Fibre reinforced smooth elastomer cover, resistant to ageing , abrasion, weathering, sunlight, tearing and oil and seawater penetration	环境温度 Ambient Temperature	-29℃至 52℃ From -29℃ to 52℃
		流体温度 Fluid Temperature	-20℃至 82℃ From -20℃ to 82℃
管体层 Carcass	单层/双层 Single Carcass/Double Carcass	流速 Flow Velocity	最高 21m/s Maximum of 21m/s
法兰 Flanges	ANSI B16.5 150 级，平面型（FF），BS 729 第 1 部分规定的热浸度锌/凸面型（RF） ANSI B16.5 Class 150 Falt Face(FF), Hot Dip Galvanized in accordance with BS729, Part1./Raised Face (RF)	最小弯曲径 Minimum Bend Radius	4D 4 x hose Nominal Bore Diameter
输送介质 Fluid Product	原油和液化石油产品（液化石油气和液化天然气除外） Crude Oil and Liquid Petroleum Products(other than liquefied petroleum gases and liquefied naturalgases)	电连续性 Electrical Continuity	导电/不导电 Electrical Continuous or Discontinuous
输油软管完全符合 GMPHOM2009 要求，并且在符合 ISO 9001 标准的质量体系下设计制造 The hose fully comply with the requirements of the “GMPHOM 2009”, and are designed and manufactured under a quality system in accordance with ISO 9001 原型软管制造和测试由 DNV GL 见证及认证 Prototype Hose manufacture and testing witnessed by DNV GL		制造商：沈阳海跃输油软管有限公司 Manufacturer: Shenyang Haiyue Oil Hose Co.,Ltd. 地　址：辽宁省抚顺经济开发区太平洋工业城规 1 区 22 号地块 Add: 1-22 Pacific Industrial Area Fushun Economic Development Zone Fushun City, Liaoning 电　话：13322475775　13897969759　邮　箱：srtby9995@163.com Tel:13322475775　13897969759　E-mall: srtby9995@163.com	

软管规格图　HOSE SPECIFICATION



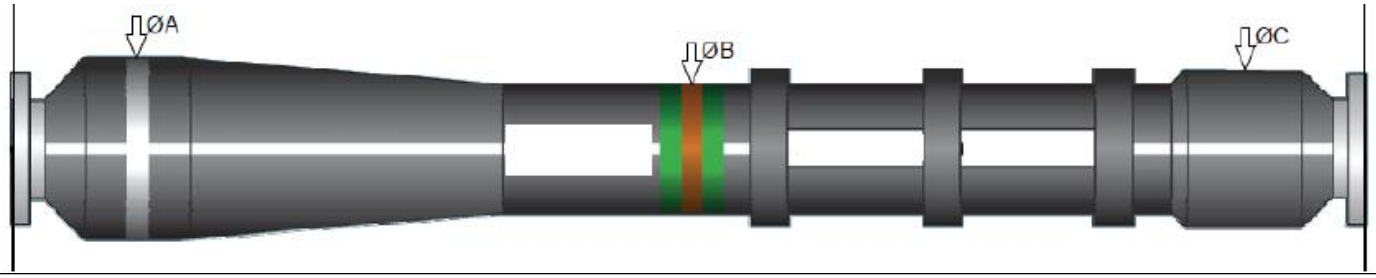
软管类型 Hose Type	海底端部加强型（漂浮端）(HY-SEF 系列) Submarine End Reinforced (Under Buoy) (HY-SEF series)		
软管结构 Hose Construction		软管参数 Hose Parameter	
内衬 Liner Tube	以丁晴橡胶为主，耐受芳烃含量最高达 60%的碳氢化合物 NBR based Rubber, resistant to hydrocarbons with aromatic content up to 60%	标称口径 Nominal Bore(mm)	150mm（6″）/200mm(8″) /250mm（10″）/300mm(12″) /400mm（16″）/500mm(20″ /600mm(24″)
主管体 Main Carcass	含多层高强度帘线和内嵌钢丝螺旋的弹性体 Elastomer reinforced with multi-layers of high tensile textile cords adn embedded steel wire helix	标准长度 Standard Length	9.1m(30') /10.7m(35') /12.2m(40') /小于 12.2m 的非标长度 9.1m(30') /10.7m(35') /12.2m(40') non-standard less than 12.2m
副管体 Secondary Carcass	含多层高强度帘线的弹性体 Elastomer reinforced with multi-layers lf high tensile textile cords	压力等级 Pressure Rating	15BAR/19BAR/21BAR/更高等级可选做 15bar/19bar/21bar/higher pressure ratings on request
浮体材料 Floatation		最小爆破压力 Minimum Burst Pressure	五倍额定工作压力 5 times of working pressure
外层 Out Cover	耐老化、耐磨、耐天候、耐阳光、耐撕裂、耐油、并且耐少水渗透的，含 有纤维增强层的平滑外胶层 Fibre reinforced smooth elastomer cover, resistant to ageing , abrasion, weathering, sunlight, tearing and oil and seawater penetration	环境温度 Ambient Temperature	-29℃至 52℃ From -29℃ to 52℃
		流体温度 Fluid Temperature	-20℃至 82℃ From -20℃ to 82℃
管体层 Carcass	单层/双层 Single Carcass/Double Carcass	流速 Flow Velocity	最高 21m/s Maximum of 21m/s
法兰 Flanges	ANSI B16.5 150 级或 300 级，平面型（FF），BS 729 第 1 部分规定的热浸度锌/凸面型（RF） ANSI B16.5 Class 150 or 300 Falt Face(FF), Hot Dip Galvanized in accordance with BS729, Part1./Raised Face (RF)	最小弯曲径 Minimum Bend Radius	4D 4 x hose Nominal Bore Diameter
输送介质 Fluid Product	原油和液化石油产品（液化石油气和液化天然气除外） Crude Oil and Liquid Petroleum Products(other than liquefied petroleum gases and liquefied naturalgases)	电连续性 Electrical Continuity	导电/不导电 Electrical Continuous or Discontinuous
输油软管完全符合 GMPHOM2009 要求，并且在符合 ISO 9001 标准的质量体系下设计制造 The hose fully comply with the requirements of the “GMPHOM 2009”, and are designed and manufactured under a quality system in accordance with ISO 9001 原型软管制造和测试由 DNV GL 见证及认证 Prototype Hose manufacture and testing witnessed by DNV GL		制造商：沈阳海跃输油软管有限公司 Manufacturer: Shenyang Haiyue Oil Hose Co.,Ltd. 地　址：辽宁省抚顺经济开发区太平洋工业城规 1 区 22 号地块 Add: 1-22 Pacific Industrial Area Fushun Economic Development Zone Fushun City, Liaoning 电　话：13322475775　13897969759　邮　箱：srtby9995@163.com Tel:13322475775　13897969759　E-mall: srtby9995@163.com	

软管规格图　HOSE SPECIFICATION



软管类型 Hose Type	漂浮主线型（HY-FM 系列） Main Line Floating (HY-FM series)		
软管结构 Hose Construction		软管参数 Hose Parameter	
内衬 Liner Tube	以丁晴橡胶为主，耐受芳烃含量最高达 60%的碳氢化合物 NBR based Rubber, resistant to hydrocarbons with aromatic content up to 60%	标称口径 Nominal Bore(mm)	150mm（6″）/200mm(8″) /250mm（10″）/300mm(12″) /400mm（16″）/500mm(20″ /600mm(24″)
主管体 Main Carcass	含多层高强度帘线和内嵌钢丝螺旋的弹性体 Elastomer reinforced with multi-layers of high tensile textile cords adn embedded steel wire helix	标准长度 Standard Length	9.1m(30') /10.7m(35') /12.2m(40') /小于 12.2m 的非标长度 9.1m(30') /10.7m(35') /12.2m(40') non-standard less than 12.2m
副管体 Secondary Carcass	含多层高强度帘线的弹性体 Elastomer reinforced with multi-layers lf high tensile textile cords	压力等级 Pressure Rating	15BAR/19BAR/21BAR/更高等级可选做 15bar/19bar/21bar/higher pressure ratings on request
浮体材料 Floatation	闭孔泡沫 Closed Cell Foam	最小爆破压力 Minimum Burst Pressure	五倍额定工作压力 5 times of working pressure
外层 Out Cover	耐老化、耐磨、耐天候、耐阳光、耐撕裂、耐油、并且耐少水渗透的，含 有纤维增强层的平滑外胶层 Fibre reinforced smooth elastomer cover, resistant to ageing , abrasion, weathering, sunlight, tearing and oil and seawater penetration	环境温度 Ambient Temperature	-29℃至 52℃ From -29℃ to 52℃
		流体温度 Fluid Temperature	-20℃至 82℃ From -20℃ to 82℃
管体层 Carcass	单层/双层 Single Carcass/Double Carcass	流速 Flow Velocity	最高 21m/s Maximum of 21m/s
法兰 Flanges	ANSI B16.5 150 级，平面型（FF），BS 729 第 1 部分规定的热浸度锌/凸面型（RF） ANSI B16.5 Class 150 Falt Face(FF), Hot Dip Galvanized in accordance with BS729, Part1./Raised Face (RF)	最小弯曲径 Minimum Bend Radius	6D 6 x hose Nominal Bore Diameter
输送介质 Fluid Product	原油和液化石油产品（液化石油气和液化天然气除外） Crude Oil and Liquid Petroleum Products(other than liquefied petroleum gases and liquefied naturalgases)	电连续性 Electrical Continuity	导电/不导电 Electrical Continuous or Discontinuous
输油软管完全符合 GMPHOM2009 要求，并且在符合 ISO 9001 标准的质量体系下设计制造 The hose fully comply with the requirements of the “GMPHOM 2009”, and are designed and manufactured under a quality system in accordance with ISO 9001 原型软管制造和测试由 DNV GL 见证及认证 Prototype Hose manufacture and testing witnessed by DNV GL		制造商：沈阳海跃输油软管有限公司 Manufacturer: Shenyang Haiyue Oil Hose Co.,Ltd. 地　址：辽宁省抚顺经济开发区太平洋工业城规 1 区 22 号地块 Add: 1-22 Pacific Industrial Area Fushun Economic Development Zone Fushun City, Liaoning 电　话：13322475775　13897969759　邮　箱：srtby9995@163.com Tel:13322475775　13897969759　E-mall: srtby9995@163.com	

软管规格图　HOSE SPECIFICATION



软管类型 Hose Type	海底端部加强型（PLEM 端）(HY-SEP 系列） Submarine End Reinforced (Off PLEM)(HY-SEP series)

软管结构 Hose Construction		软管参数 Hose Parameter	
内衬 Liner Tube	以丁晴橡胶为主，耐受芳烃含量最高达 60%的碳氢化合物 NBR based Rubber,resistant to hydrocarbons with aromatic content up to 60%	标称口径 Nominal Bore(mm)	150mm（6″）/200mm(8″) /250mm（10″）/300mm(12″) /400mm（16″）/500mm(20″ /600mm(24″)
主管体 Main Carcass	含多层高强度帘线和内嵌钢丝螺旋的弹性体 Elastomer reinforced with multi-layers of high tensile textile cords adn embedded steel wire helix	标准长度 Standard Length	9.1m(30') /10.7m(35') /12.2m(40') /小于 12.2m 的非标长度 9.1m(30') /10.7m(35') /12.2m(40') non-standard less than 12.2m
副管体 Secondary Carcass	含多层高强度帘线的弹性体 Elastomer reinforced with multi-layers lf high tensile textile cords	压力等级 Pressure Rating	15BAR/19BAR/21BAR/更高等级可选做 15bar/19bar/21bar/higher pressure ratings on request
浮体材料 Floatation		最小爆破压力 Minimum Burst Pressure	五倍额定工作压力 5 times of working pressure
外层 Out Cover	耐老化、耐磨、耐天候、耐阳光、耐撕裂、耐油、并且耐少水渗透的，含 有纤维增强层的平滑外胶层 Fibre reinforced smooth elastomer cover,resistant to ageing , abrasion,weathering,sunlight,tearing and oil and seawater penetration	环境温度 Ambient Temperature	-29℃至 52℃ From -29℃ to 52℃
		流体温度 Fluid Temperature	-20℃至 82℃ From -20℃ to 82℃
管体层 Carcass	单层/双层 Single Carcass/Double Carcass	流速 Flow Velocity	最高 21m/s Maximum of 21m/s
法兰 Flanges	ANSI B16.5 150 级或 300 级，平面型（FF），BS 729 第 1 部分规定的热浸度锌/凸面型（RF） ANSI B16.5 Class 150 or 300 Falt Face(FF),Hot Dip Galvanized in accordance with BS729,Part1./Raised Face (RF)	最小弯曲径 Minimum Bend Radius	4D 4 x hose Nominal Bore Diameter
输送介质 Fluid Product	原油和液化石油产品（液化石油气和液化天然气除外） Crude Oil and Liquid Petroleum Products(other than liquefied petroleum gases and liquefied naturalgases)	电连续性 Electrical Continuity	导电/不导电 Electrical Continuous or Discontinuous

输油软管完全符合 GMPHOM2009 要求，并且在符合 ISO 9001 标准的质量体系下设计制造
The hose fully comply with the requirements of the “GMPHOM 2009”,and are designed and manufactured under a quality system in accordance with ISO 9001
原型软管制造和测试由 DNV GL 见证及认证
Prototype Hose manufacture and testing witnessed by DNV GL

制造商：沈阳海跃输油软管有限公司
Manufacturer: Shenyang Haiyue Oil Hose Co.,Ltd.
地　址：辽宁省抚顺经济开发区太平洋工业城规 1 区 22 号地块
Add: 1-22 Pacific Industrial Area Fushun Economic Development Zone Fushun City,Liaoning
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软管规格图　HOSE SPECIFICATION

软管类型 Hose Type	端部加强型半浮管（首件管）(HY-FE1 系列） End Reinforced Half Floating(First off Buoy)(HY-FE1　series)		
软管结构 Hose Construction		软管参数 Hose Parameter	
内衬 Liner Tube	以丁晴橡胶为主，耐受芳烃含量最高达 60%的碳氢化合物 NBR based Rubber, resistant to hydrocarbons with aromatic content up to 60%	标称口径 Nominal Bore(mm)	150mm（6″）/200mm(8″) /250mm（10″）/300mm(12″) /400mm（16″）/500mm(20″ /600mm(24″)
主管体 Main Carcass	含多层高强度帘线和内嵌钢丝螺旋的弹性体 Elastomer reinforced with multi-layers of high tensile textile cords adn embedded steel wire helix	标准长度 Standard Length	9.1m(30') /10.7m(35') /12.2m(40') /小于 12.2m 的非标长度 9.1m(30') /10.7m(35') /12.2m(40') non-standard less than 12.2m
副管体 Secondary Carcass	含多层高强度帘线的弹性体 Elastomer reinforced with multi-layers lf high tensile textile cords	压力等级 Pressure Rating	15BAR/19BAR/21BAR/更高等级可选做 15bar/19bar/21bar/higher pressure ratings on request
浮体材料 Floatation	闭孔泡沫 Closed Cell Foam	最小爆破压力 Minimum Burst Pressure	五倍额定工作压力 5 times of working pressure
外层 Out Cover	耐老化、耐磨、耐天候、耐阳光、耐撕裂、耐油、并且耐少水渗透的，含 有纤维增强层的平滑外胶层 Fibre reinforced smooth elastomer cover, resistant to ageing , abrasion, weathering, sunlight, tearing and oil and　seawater penetration	环境温度 Ambient Temperature	-29℃至 52℃ From -29℃ to 52℃
		流体温度 Fluid Temperature	-20℃至 82℃ From -20℃ to 82℃
管体层 Carcass	单层/双层 Single Carcass/Double　Carcass	流速 Flow Velocity	最高 21m/s Maximum of　21m/s
法兰 Flanges	ANSI B16.5　150 级或 300 级，平面型（FF），BS 729 第 1 部分规定的热浸度锌/凸面型（RF） ANSI B16.5 Class 150 or 300 Falt Face(FF), Hot Dip Galvanized in accordance with BS729, Part1./Raised Face (RF)	最小弯曲径 Minimum Bend Radius	6D 6 x hose Nominal Bore Diameter
输送介质 Fluid Product	原油和液化石油产品（液化石油气和液化天然气除外） Crude Oil and Liquid Petroleum Products(other than liquefied petroleum gases and liquefied naturalgases)	电连续性 Electrical Continuity	导电/不导电 Electrical Continuous or Discontinuous
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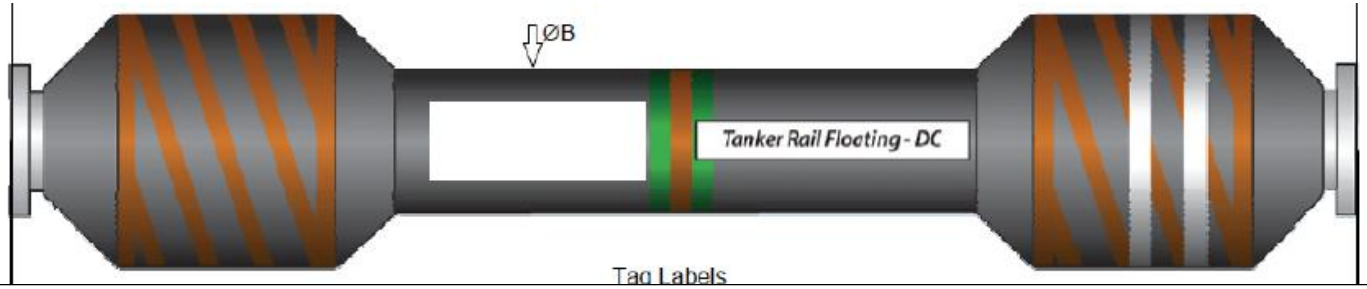
软管规格图　HOSE SPECIFICATION



软管类型 Hose Type	漂浮式油轮围栏型（HY-FW 系列） Tanker Rail Floating (HY-FW series)

软管结构 Hose Construction		软管参数 Hose Parameter	
内衬 Liner Tube	以丁晴橡胶为主，耐受芳烃含量最高达 60%的碳氢化合物 NBR based Rubber, resistant to hydrocarbons with aromatic content up to 60%	标称口径 Nominal Bore(mm)	150mm（6″）/200mm(8″) /250mm（10″）/300mm(12″) /400mm（16″）/500mm(20″ /600mm(24″)
主管体 Main Carcass	含多层高强度帘线和内嵌钢丝螺旋的弹性体 Elastomer reinforced with multi-layers of high tensile textile cords adn embedded steel wire helix	标准长度 Standard Length	9.1m(30') /10.7m(35') /12.2m(40') /小于 12.2m 的非标长度 9.1m(30') /10.7m(35') /12.2m(40') non-standard less than 12.2m
副管体 Secondary Carcass	含多层高强度帘线的弹性体 Elastomer reinforced with multi-layers lf high tensile textile cords	压力等级 Pressure Rating	15BAR/19BAR/21BAR/更高等级可选做 15bar/19bar/21bar/higher pressure ratings on request
浮体材料 Floatation	闭孔泡沫 Closed Cell Foam	最小爆破压力 Minimum Burst Pressure	五倍额定工作压力 5 times of working pressure
外层 Out Cover	耐老化、耐磨、耐天候、耐阳光、耐撕裂、耐油、并且耐少水渗透的，含 有纤维增强层的平滑外胶层 Fibre reinforced smooth elastomer cover, resistant to ageing , abrasion, weathering, sunlight, tearing and oil and seawater penetration	环境温度 Ambient Temperature	-29℃至 52℃ From -29℃ to 52℃
		流体温度 Fluid Temperature	-20℃至 82℃ From -20℃ to 82℃
管体层 Carcass	单层/双层 Single Carcass/Double Carcass	流速 Flow Velocity	最高 21m/s Maximum of 21m/s
法兰 Flanges	ANSI B16.5 150 级，平面型（FF），BS 729 第 1 部分规定的热浸度锌/凸面型（RF） ANSI B16.5 Class 150 Falt Face(FF), Hot Dip Galvanized in accordance with BS729, Part1./Raised Face (RF)	最小弯曲径 Minimum Bend Radius	4D 4 x hose Nominal Bore Diameter
输送介质 Fluid Product	原油和液化石油产品（液化石油气和液化天然气除外） Crude Oil and Liquid Petroleum Products(other than liquefied petroleum gases and liquefied naturalgases)	电连续性 Electrical Continuity	导电/不导电 Electrical Continuous or Discontinuous

输油软管完全符合 GMPHOM2009 要求，并且在符合 ISO 9001 标准的质量体系下设计制造
The hose fully comply with the requirements of the “GMPHOM 2009”, and are designed and manufactured under a quality system in accordance with ISO 9001
原型软管制造和测试由 DNV GL 见证及认证
Prototype Hose manufacture and testing witnessed by DNV GL

制造商：沈阳海跃输油软管有限公司
Manufacturer: Shenyang Haiyue Oil Hose Co.,Ltd.
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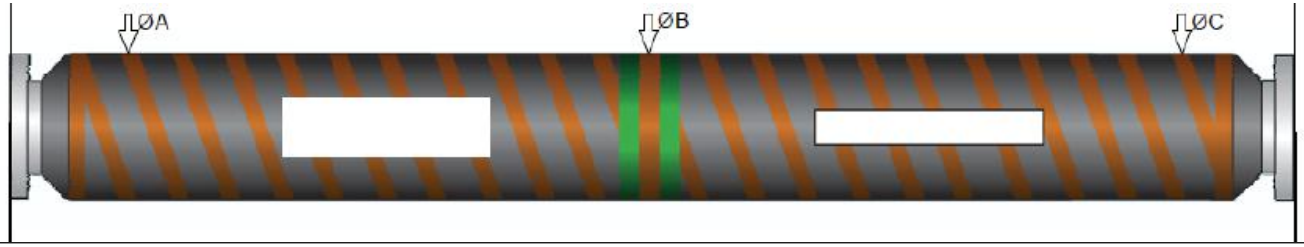
软管规格图　HOSE SPECIFICATION



软管类型 Hose Type	漂浮式尾管（HY-FT 系列） Tail Floating (HY-FT series)

软管结构 Hose Construction		软管参数 Hose Parameter	
内衬 Liner Tube	以丁晴橡胶为主，耐受芳烃含量最高达 60%的碳氢化合物 NBR based Rubber, resistant to hydrocarbons with aromatic content up to 60%	标称口径 Nominal Bore(mm)	150mm（6″）/200mm(8″) /250mm（10″）/300mm(12″) /400mm（16″）/500mm(20″ /600mm(24″)
主管体 Main Carcass	含多层高强度帘线和内嵌钢丝螺旋的弹性体 Elastomer reinforced with multi-layers of high tensile textile cords adn embedded steel wire helix	标准长度 Standard Length	9.1m(30') /10.7m(35') /12.2m(40') /小于 12.2m 的非标长度 9.1m(30') /10.7m(35') /12.2m(40') non-standard less than 12.2m
副管体 Secondary Carcass	含多层高强度帘线的弹性体 Elastomer reinforced with multi-layers lf high tensile textile cords	压力等级 Pressure Rating	15BAR/19BAR/21BAR/更高等级可选做 15bar/19bar/21bar/higher pressure ratings on request
浮体材料 Floatation	闭孔泡沫 Closed Cell Foam	最小爆破压力 Minimum Burst Pressure	五倍额定工作压力 5 times of working pressure
外层 Out Cover	耐老化、耐磨、耐天候、耐阳光、耐撕裂、耐油、并且耐少水渗透的，含 有纤维增强层的平滑外胶层 Fibre reinforced smooth elastomer cover, resistant to ageing , abrasion, weathering, sunlight, tearing and oil and seawater penetration	环境温度 Ambient Temperature	-29℃至 52℃ From -29℃ to 52℃
		流体温度 Fluid Temperature	-20℃至 82℃ From -20℃ to 82℃
管体层 Carcass	单层/双层 Single Carcass/Double Carcass	流速 Flow Velocity	最高 21m/s Maximum of 21m/s
法兰 Flanges	ANSI B16.5 150 级，平面型（FF），BS 729 第 1 部分规定的热浸度锌/凸面型（RF） ANSI B16.5 Class 150 Falt Face(FF), Hot Dip Galvanized in accordance with BS729, Part1./Raised Face (RF)	最小弯曲径 Minimum Bend Radius	6D 6 x hose Nominal Bore Diameter
输送介质 Fluid Product	原油和液化石油产品（液化石油气和液化天然气除外） Crude Oil and Liquid Petroleum Products(other than liquefied petroleum gases and liquefied naturalgases)	电连续性 Electrical Continuity	导电/不导电 Electrical Continuous or Discontinuous

输油软管完全符合 GMPHOM2009 要求，并且在符合 ISO 9001 标准的质量体系下设计制造
The hose fully comply with the requirements of the “GMPHOM 2009”, and are designed and manufactured under a quality system in accordance with ISO 9001
原型软管制造和测试由 DNV GL 见证及认证
Prototype Hose manufacture and testing witnessed by DNV GL

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