



CUSTOM ELECTRICAL INSULATION

PTFE LINING TUBE

Technical data sheet - long PTFE lining tubes for chemical service

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ISO 9001

OEM / ODM

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XR-PTFE连续长内衬管 XR-PTFE Continuous Long Lining Tube

产品描述 Product description

新瑞PTFE内衬管是纯聚四氟乙烯分散树脂或添加高性能树脂改性后，通过糊状挤出、烧结而制成的连续长度的管子。XR管具有最低的摩擦系数(约0.02)和优异的耐磨性，主要用于汽车，IT，航天航空，机械等。

XP PTFE lined pipe or is pure PTFE dispersion resin Add a high performance resin modified by paste made of continuous extrusion and sintering The length of the pipe. XR tube has the lowest friction coefficient (0.02) and excellent Wear resistance, mainly used for automobile, IT, aviation, machinery, etc.



性能 Performance

项目 Project	测试方法 Test Method	XR-1	XR-2	XR-3
基材 (Base material)	N/A	PTFE	PTFE	PTFE
填料 (Packing)	N/A	\	聚苯硫醚PPS	专用高温树脂 Special high temperature resin
连续使用温度 (Continuous use temperature)	℃	260	260	260
拉伸强度 (Tensile strength) Mpa	QB/T3624-1999	35--45	35--45	35--45
延伸率 % (Elongation)	QB/T3624-1999	>200	>200	>200
比重 (Proportion)	ZBG33001-85	2.15---2.2	2.05---2.1	2.1---2.15
颜色 (Color)	N/A	本色 Ecru	棕色 Brown	黄色 Yellow
熔点 ℃ (Melting point)	DSC 20 ℃ / 分钟min	@ 327	填料 @ 277 Packing	填料分解 @ >450 Packing decomposition
耐化学性 (Chemical resistance)	25度下浸没1周 25 degrees submerged, 1week	无肿胀或机械性能的的损失 No swelling or mechanical performance of the loss		
典型生命周期性能 (Typical life cycle performance)		一般 General	好 Good	极佳 Excellent

包装 Packaging

- * 木盘或纸箱: 500—5000米/盘(非定数包装,同一规格每盘米数上下浮动100米以内)
- * 长度:每盘管子最多2次叠接,50%以上产品0次叠接.
- * Wooden tray or carton: 500-5000 m/plate (not destiny packaging, the same specifications within each plate of floating up and down 100 metres)
- * Length: each coil pipe up to 2 times to tether, more than 50% products zero lap joint.

尺寸 Size

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铁氟龙波纹管 Teflon Bellows

产品描述 Product description

铁氟龙波纹管通过特殊的加工方法而成，改变了以往管道不能挠曲的特性，可用来取代机械强度较低的石墨、陶瓷、玻璃等管道，可做槽车、容器和反应釜的给、排料管，可进行管道错位连接或用来平衡因气候或其他原因引起的管道位移、尺寸变化或用来消除高频机械的振动。在特殊场合还可做管式反应器和热交换器等。

Teflon hose corrugation through the special processing methods, changed the past can not bending the pipe features, can be used to replace the lower mechanical strength of graphite, Ceramics, glass pipe, such as can do tank lorry, container and reaction kettle to, discharge tube, pipe misalignment can be linked or used to balance caused by weather or other reasons Pipeline displacement and dimensional change or used to eliminate the high frequency mechanical vibration. On special occasions can also do tubular reactor and heat exchangers, etc.



- 可提供DN6-200mm，长度20-20000mm的波纹管。
- 壁厚标准0.5-2.5mm。
- 疲劳次数≥10000次。
- 可提供耐压型带网套的波纹管。
- 可提供带增强筋与网套的波纹管。
- 可提供多种连接方式，一般采用法兰连接，油任连接，螺纹连接，快速接头以及直接与管件连接，以管卡和金属丝固定。
- Low can provide DN6-200mm, length of 20-20000mm corrugated hose.
- Low wall thickness 0.5-2.5 mm standard.
- Low frequency fatigue or 10000 times.
- Low can provide compression type corrugated hose with a net.
- Low can provide with enhancement reinforcement and net corrugated hose.
- Can provide a variety of connection mode, generally USES the flange connection, oil connection, threaded connections, quick connector and directly connected to the pipe fittings, pipe clamp and wire fixation.

铁氟龙波纹管的技术参数 Teflon bellows technology parameters

规格	成型前 ID	成型后 ID	壁厚 (mm)	规格	成型前 ID	成型后 ID	壁厚 (mm)
DN6	6	4.5	1	DN40(1 1/4")	38	30	2
DN8	8	5	1	DN50(1 1/2")	50	40	2
DN9(1/4")	9	6	0.5	DN65(2")	63	52	2
DN10	10	8	1	DN80	80	68	2
DN13(3/8")	13	10	1	DN89(3")	89	75	2
DN15	15	12.5	1.5	DN100	100	90	2
DN16(1/2")	16	13	1.5	DN125	125	113	2.5
DN20	20	14	1.5	DN150	159	140	2.6
DN22(5/8")	22	16	1.5	Dn200	219	195	3.0
DN25(3/4")	25	20	1.5	从DN40以上采用缠绕成型			
DN 32(1")	32	25	2				

备注：单根长度在4米到20米
Note: the joint length in 4 meters to 20 meters

● 特殊尺寸可订制 Special size can be customized

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