

## PHARMALEX

Pharmalex is a very flexible, patented smoothbore PTFE lined hose product with a clear silicone rubber cover. It is designed to replace conventional all-silicone rubber hoses in light duty applications.

### ALTERNATIVE PRODUCTS

For heaving duty applications, particularly where high pressures are used, Pharmaline Hose (Leaflet available) is the preferred option. Pharmaline includes a SS wire braid on the tube, with a white Silicone Rubber outer cover.

### HOSE TYPES, DESIGNS & APPROVALS

Pharmalex GP has a PTFE hose liner tube, manufactured from PTFE material in accordance with FDA requirement 21 CFR 177.1550.

An antistatic PTFE option is also available, Pharmalex AS, using liner material in accordance with the FDA requirement 21 CFR 178.3297.

Both Pharmalex GP and Pharmalex AS have been tested and the PTFE liners comply with USP Class VI, including the Elution (Cytotoxicity) test.

Both include a Platinum Cured clear (transparent) silicone rubber cover (Post-cured 4 hours at 200°C in accordance with requirements for USP Class VI). The Silicone Rubber material is in accordance with FDA requirement CFR-177-2600.

ATEX - Attestations of Conformity and Labelling Available for the Pharmalex range of hose and hose assemblies and include the following designation: II 2 G D c CERT. NO: SIRA 06ATEX6064U - for components intended for use in Gas: Zones 1 & 2 and Dust: Zones 21 & 22 Potentially Explosive Atmospheres – Directive 94/9/EC.

### PROPERTIES

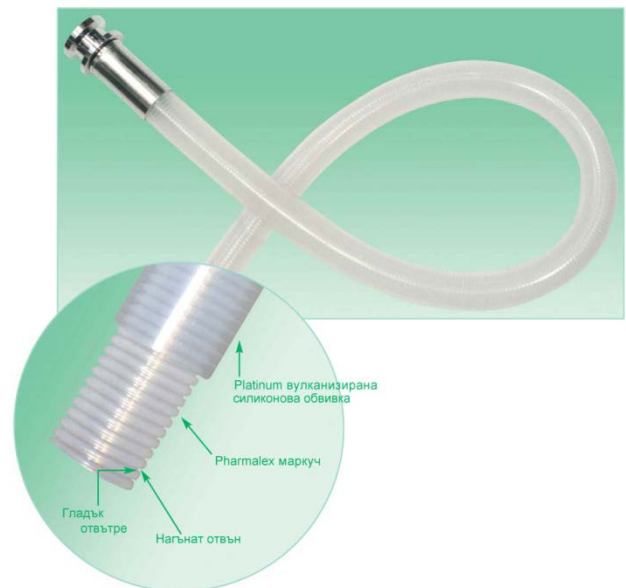
- Temperature Range: -60°C (-80°F) to +200°C (+400°F).
- Pressure vs Temperature - Pressure ratings are as listed up to 130°C, then reducing at 1% per 1°C up to +200°C .
- Vacuum - All sizes are fully vacuum resistant up to 100°C.

### FURTHER TECHNICAL INFORMATION

Further technical information related to PTFE material, Antistatic specifications, usage requirements and limitations, testing and flow rates etc. is available in the Bioflex Information pages on the OPW market website, and must be reviewed in conjunction with this leaflet to determine usage limitations.

### CRIMPED END FITTINGS

\_ Sanitary and Mini Sanitary Triclamp (Triclover) Fittings in 316 SS, with bores electropolished to <math><0.375\mu\text{m}</math> (<math><15\mu\text{in}</math>).



## Contact us:

"DAIS GLOBAL " LTD  
 3, Poruchik Nedelcho Bonchev Str., fl. 5, 1528 Sofia, Bulgaria  
 Telephone: +359 2 973 27 67  
 Fax: +359 2 973 26 65  
 E-mail: office@daisglobal.eu

## Catalogues:

Ducting hoses  
 Industrial hoses  
 Fittings  
 Safety couplings  
 Chemical resistance table ducting hoses  
 Chemical resistance table hoses

\_ I-Line Fittings, Compression Fittings, BSPT & NPT Male, Flanges, Camlocks, DIN118511, RJT, SMS, RJP and others to special order.

### **RELINK END FITTINGS**

"Relink" Self Assembly, Re-usable end fittings are also available as above. These can be assembled and disassembled by the

Customer, and are to a Patented Design. The purchase of a Relink Hand press is required, and further information is available on the Relink leaflet on the OPW market website.

### **Secection of PHARMALEX**

Номер	DN		I.D. mm	O.D. mm	R мин mm	WP bar	BP bar	Тегло kg
	inch	mm						
PHX-06	1/4	6.4	6.8	11.6	30	7.5	30	0.09
PHX-10	3/8	9.5	9.5	15.5	38	6.0	24	0.14
PHX-13	1/2	12.7	12.7	19.5	63	5.8	23	0.21
PHX-16	5/8	16.0	16.0	24.5	75	5	20	0.27
PHX-19	3/4	19.0	19.0	26.4	100	4.3	17	0.32
PHX-25	1	25.4	25.4	34.8	150	3.5	14	0.49

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