



FOOD + PHARMACEUTICAL TUBINGS & HOSES

Product Catalogue

TM





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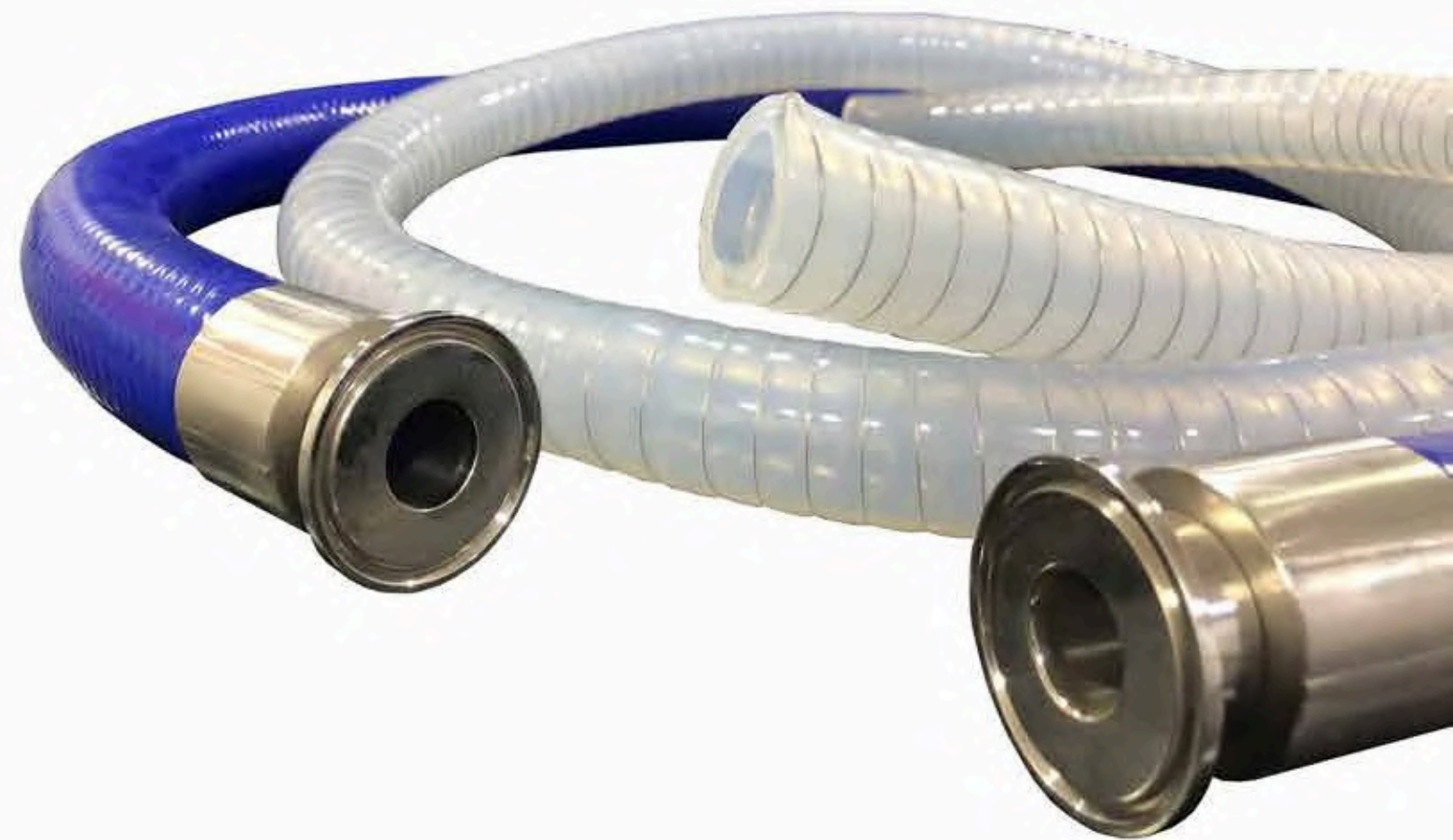
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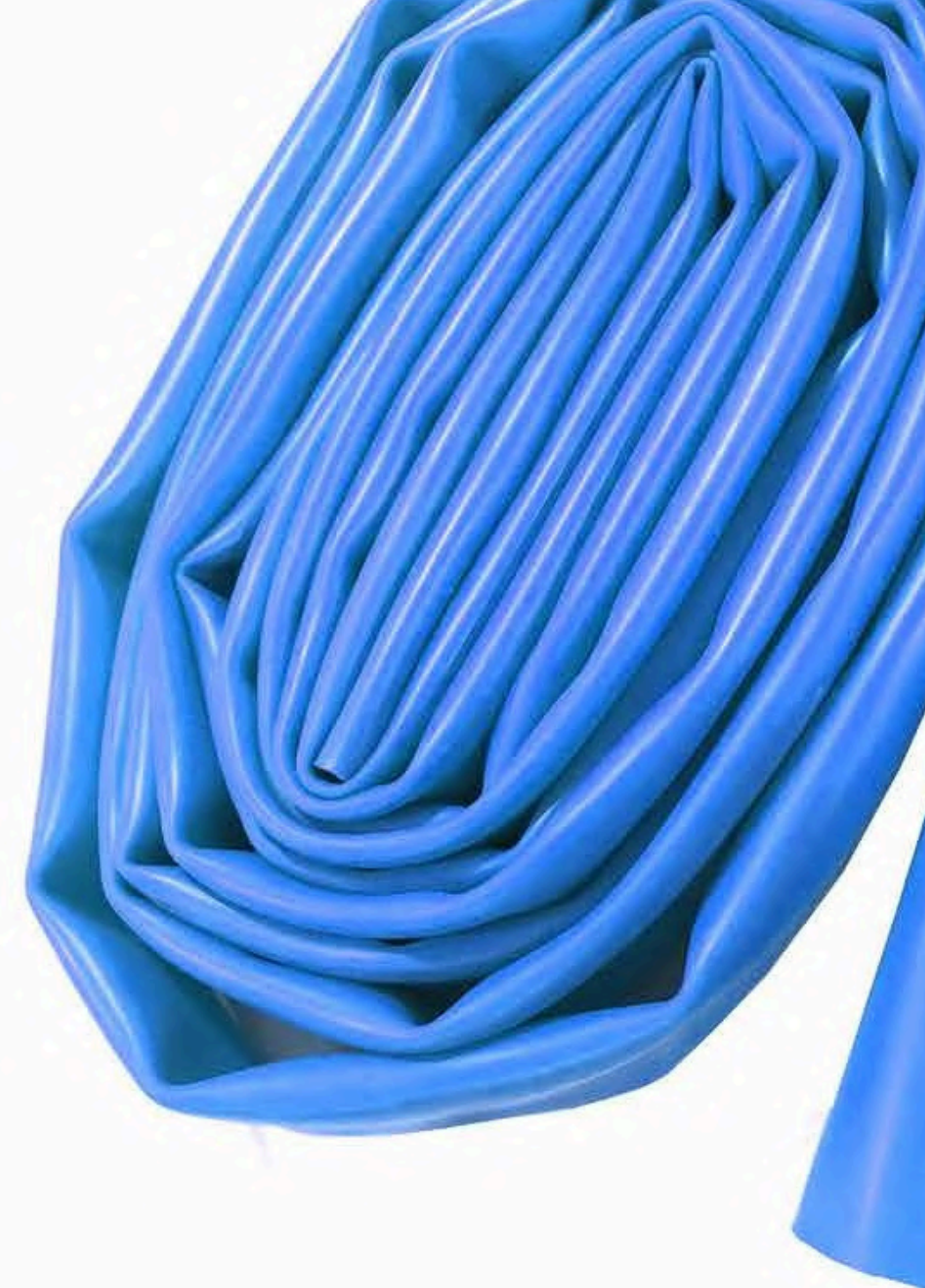
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INTRODUCTION

Western Sealtech Tubes and Hoses

Western Sealtech manufactures high quality rubber tubing and hoses. Tubing and hoses are primarily fabricated in Silicone, FKM (Viton) and TPE (Santoprene), along with other general-purpose tubes and hoses manufactured using Neoprene, Buna N, etc. With over 30 years of experience in rubber industry, our compounding department has developed unique formulations which ensure that our products are of premium quality and as per the customer's requirement. Western Sealtech supplies tubing and hoses to a variety of industries including food and beverage processing, pharmaceutical, commercial heating and cooling, lawn and garden care, petro-chemical extraction, sanitation and more.



western
sealtech

TUBES

WESTOSIL[®]
PlatinumCuredSilicone Tubes

DATASHEET



● Colour
Transparent

Material
PlatinumCured Silicone

 <p>UV Resistance Excellent</p>	 <p>Spallation Low</p>	 <p>Water Absorption Low</p>	 <p>Temperature Range -60 C to 230 C</p>
 <p>Hardness (Shore A) 60 Sh A (+/-5)* 70 Sh A (+/-5)*</p>	 <p>Specific Gravity 1.13 - 1.17</p>	 <p>Tensile Strength (psi) 1595</p>	 <p>Elongation (break %) 800%</p>
 <p>Sterilization Methods Gamma, Autoclave, ETO (on request)</p>	 <p>Compression Set (%) 20%</p>	 <p>Gas Permeability Low</p>	 <p>Tear B, ppi 240</p>

*Note: Standard hardness for Westosil Tube is 60 Sh A & 70 Sh A. However, tubes can be customized in 50 Sh A and 70 Sh A hardness as well as per client's requirement

FEATURES:

- Highly durable -Color: Transparent
- Free from heavy metals, plasticizers, or phthalates
- Non-adherent; resists clotting, sticking, or encrustation
- Ideal for high/low temperature applications (-30 C to 220 C)
- Does not oxidize or deteriorate easily
- Offers UV Resistance and Corona Discharge Resistance

APPLICATIONS:

- Fluid transmission in pharmaceutical industry
- Sterile fill lines
- Virology laboratory and fungal growth incubators for transfer of pH solvents
- Gas transfer
- Dairy industry
- Peristaltic pumps
- Food and pulp industry
- Vaccine transfer
- Serum transfer
- Transfer pH specific liquids for cell culture

BULK ORDERS**:

- If you buy large volumes (more than 100-500 meters) of Westosil Tubes, Western Sealtech will pass on some production, cost and dispatch benefits to you like:
- Customizing tube sizes to suit your specific application
 - Offering highly competitive pricing
 - Customizing coil lengths to fit your process; this in turn would eliminate on-site cutting and ensure the tube is ready for use
 - Packaging tubes to suit your needs - single bag, double bag or individually packed coil lengths
 - Custom printing with indelible ink for lot traceability

CERTIFICATIONS:

- FDA21 CFR
- European Pharmacopoeia
- ROHS
- REACH
- Extractables and Leachables on request
- BSE/TSE Free Certification
- Phthalate and plasticizer free certificate
- USP Class VI
- Physical properties
- Technical Data Sheet

SIZES

*STANDARD COIL LENGTH FOR ALL TUBES: 5M/15M/25M

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER		WALL THICKNESS	
	IN	MM	IN	MM	IN	MM
WST-001	0.06 ±0.013	1.6 ±0.2	0.15 ±0.009	3.7 ±0.2	0.04 ±0.013	1.05 ±0.2
WST-002	0.08 ±0.015	2.0 ±0.2	0.16 ±0.009	4.0 ±0.2	0.04 ±0.013	1.00 ±0.2
WST-003	0.08 ±0.015	2.0 ±0.2	0.20 ±0.009	5.0 ±0.2	0.06 ±0.013	1.50 ±0.2
WST-004	0.02 ±0.009	0.5 ±0.2	0.15 ±0.009	3.7 ±0.2	0.06 ±0.013	1.60 ±0.2
WST-005	0.03 ±0.009	0.8 ±0.2	0.16 ±0.009	4.0 ±0.2	0.06 ±0.013	1.60 ±0.2
WST-006	0.05 ±0.013	1.2 ±0.2	0.17 ±0.009	4.4 ±0.2	0.06 ±0.013	1.60 ±0.2
WST-007	0.06 ±0.013	1.6 ±0.2	0.19 ±0.009	4.8 ±0.2	0.06 ±0.013	1.60 ±0.2
WST-008	0.09 ±0.015	2.4 ±0.2	0.22 ±0.009	5.6 ±0.2	0.06 ±0.013	1.60 ±0.2
WST-009	0.13 ±0.019	3.2 ±0.2	0.25 ±0.009	6.4 ±0.25	0.06 ±0.013	1.60 ±0.2
WST-010	0.19 ±0.019	4.8 ±0.2	0.31 ±0.009	8.0 ±0.25	0.06 ±0.013	1.60 ±0.2
WST-011	0.25 ±0.019	6.4 ±0.2	0.38 ±0.009	9.6 ±0.25	0.06 ±0.013	1.60 ±0.2
WST-012	0.31 ±0.019	8.0 ±0.25	0.44 ±0.009	11.2 ±0.35	0.06 ±0.013	1.60 ±0.2
WST-013	0.31 ±0.019	8.0 ±0.25	0.47 ±0.009	12.0 ±0.35	0.08 ±0.015	2.00 ±0.2
WST-014	0.02 ±0.009	0.5 ±0.2	0.21 ±0.009	5.3 ±0.2	0.09 ±0.015	2.40 ±0.2
WST-015	0.03 ±0.009	0.8 ±0.2	0.22 ±0.009	5.6 ±0.2	0.09 ±0.015	2.40 ±0.2
WST-016	0.06 ±0.013	1.6 ±0.2	0.25 ±0.009	6.4 ±0.2	0.09 ±0.015	2.40 ±0.2
WST-017	0.13 ±0.009	3.2 ±0.2	0.31 ±0.009	8.0 ±0.25	0.09 ±0.015	2.40 ±0.2
WST-018	0.19 ±0.009	4.8 ±0.2	0.38 ±0.009	9.6 ±0.25	0.09 ±0.015	2.40 ±0.2
WST-019	0.25 ±0.009	6.4 ±0.25	0.44 ±0.013	11.2 ±0.35	0.09 ±0.015	2.40 ±0.2
WST-020	0.31 ±0.009	8.0 ±0.25	0.50 ±0.013	12.8 ±0.35	0.09 ±0.015	2.40 ±0.2
WST-021	0.38 ±0.009	9.6 ±0.25	0.57 ±0.013	14.4 ±0.35	0.09 ±0.015	2.40 ±0.2
WST-022	0.35 ±0.009	9.0 ±0.25	0.59 ±0.013	15.0 ±0.35	0.12 ±0.009	3.00 ±0.2
WST-023	0.47 ±0.013	12.0 ±0.35	0.71 ±0.015	18.0 ±0.4	0.12 ±0.009	3.00 ±0.2
WST-024	0.19 ±0.009	4.8 ±0.2	0.44 ±0.013	11.2 ±0.35	0.13 ±0.009	3.20 ±0.2
WST-025	0.25 ±0.009	6.4 ±0.25	0.50 ±0.013	12.8 ±0.35	0.13 ±0.009	3.20 ±0.2
WST-026	0.38 ±0.009	9.6 ±0.25	0.63 ±0.015	16.0 ±0.35	0.13 ±0.009	3.20 ±0.2
WST-027	0.50 ±0.013	12.7 ±0.35	0.75 ±0.015	19.1 ±0.4	0.13 ±0.009	3.20 ±0.2
WST-028	0.63 ±0.013	15.9 ±0.35	0.88 ±0.015	22.3 ±0.4	0.13 ±0.009	3.20 ±0.2
WST-029	0.31 ±0.009	8.0 ±0.25	0.63 ±0.015	16.0 ±0.35	0.16 ±0.009	4.00 ±0.2
WST-030	0.47 ±0.013	12.0 ±0.35	0.79 ±0.015	20.0 ±0.4	0.16 ±0.009	4.00 ±0.2
WST-031	0.63 ±0.015	16.0 ±0.35	0.94 ±0.015	24.0 ±0.4	0.16 ±0.009	4.00 ±0.2
WST-032	0.38 ±0.009	9.6 ±0.25	0.76 ±0.015	19.2 ±0.4	0.19 ±0.009	4.80 ±0.2
WST-033	0.50 ±0.013	12.7 ±0.35	0.88 ±0.015	22.3 ±0.4	0.19 ±0.009	4.80 ±0.2
WST-034	0.63 ±0.015	15.9 ±0.35	1.00 ±0.019	25.5 ±0.5	0.19 ±0.009	4.80 ±0.2
WST-035	0.75 ±0.015	19.0 ±0.4	1.13 ±0.019	28.6 ±0.5	0.19 ±0.009	4.80 ±0.2
WST-036	1.00 ±0.015	25.4 ±0.5	1.38 ±0.019	35.0 ±0.5	0.19 ±0.009	4.80 ±0.2

**The above list mentions the standard sizes of Westosil Tubes available with us in-house. However, we can undertake customizations. The minimum quantity for customization orders will range anywhere between 100-500 meters, depending on the cross sectional dimension of the tube.

WESTOPRENER[®]

TPE Tubes

DATASHEET

● **Colour**
Beige / Opaque

Material
Thermoplastic Elastomer (TPE)

Outer Diameter (OD)

Internal Diameter (ID)

→ Coil Length

☀ **UV Resistance**
Excellent

🧱 **Spallation**
Low

💧 **Water Absorption**
Low

📊 **Temperature Range**
-30 C to 110 C

📏 **Sterilization Methods**
Gamma, Autoclave, ETO (on request)

■ **Hardness (Shore A)**
60Sh A (+/-5)*
/ 70 Sh A (+/-5)*

📏 **Specific Gravity**
0.97

⬇️ **Tensile Strength (psi)**
1020

↔️ **Elongation (break %)**
450%

↔️ **Compression Set (%)**
18 - 25%

*Note: Standard hardness for Westoprene Tube is 60 Sh A & 70 Sh A. However, tubes can be customized in 50 Sh A and 70 Sh A hardness as well as per client's requirement

FEATURES

- Commonly known as Santoprene tubes
- Known for their excellent mechanical properties under high operating temperatures
- Operating temperature: -30C to 110C
- Highly durable, Westoprene TPE Tubes are resistant to fatigue, ozone, UV rays, acids, alkalis and most oils and lubricants
- Specially designed to meet critical demands of pharmaceutical, research, biotech and diagnostic industries
- Western Rubbers' Westoprene TPE Tubes last at least 10 times more than generic tubes
- Color: Beige/Opaque

APPLICATIONS:

Santoprene, with its unique mix of plastic and rubber properties, is used in sensitive applications where other rubbers cannot operate. Some of these applications include-

- Chemical processing
- Food processing
- Biomedical
- High purity water system
- Buffer and media preparation
- Transfer pH specific liquids for cell culture

BULK ORDERS:

If you buy large volumes (more than 500 meters) of Westoprene Tubes, Western Sealtech will pass on some production, cost and dispatch benefits to you like: -

- Customizing tube sizes to suit your specific application
- Offering highly competitive pricing
- Customizing coil lengths to fit your process; this in turn would eliminate on-site cutting and ensure the tube is ready for use
- Packaging tubes to suit your needs
- single bag, double bag or individually packed coil lengths
- Custom printing with indelible ink for lot traceability

CERTIFICATIONS:

- FDA21 CFR
- European Pharmacopoeia
- ROHS
- REACH
- Extractables and Leachables on request
- BSE/TSE Free Certification

SIZES

*STANDARD COIL LENGTH FOR ALL TUBES: 5M/15M/25M

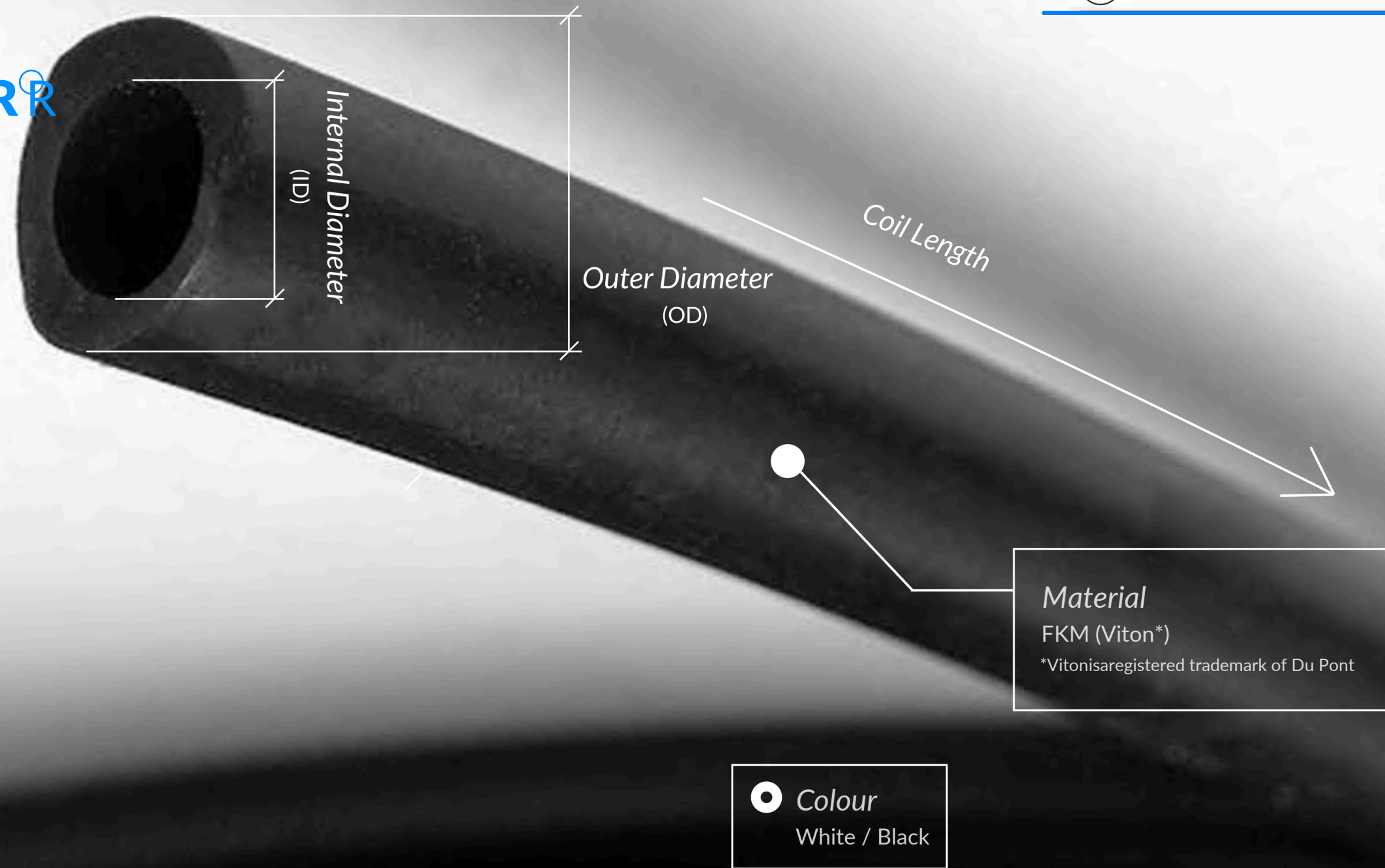
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WTT-008	0.09 ±0.015	2.4 ±0.2	0.22 ±0.009	5.6 ±0.2	0.06 ±0.013	1.60 ±0.2
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WTT-010	0.19 ±0.019	4.8 ±0.2	0.31 ±0.009	8.0 ±0.25	0.06 ±0.013	1.60 ±0.2
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WTT-013	0.31 ±0.019	8.0 ±0.25	0.47 ±0.009	12.0 ±0.35	0.08 ±0.015	2.00 ±0.2
WTT-014	0.02 ±0.009	0.5 ±0.2	0.21 ±0.009	5.3 ±0.2	0.09 ±0.015	2.40 ±0.2
WTT-015	0.03 ±0.009	0.8 ±0.2	0.22 ±0.009	5.6 ±0.2	0.09 ±0.015	2.40 ±0.2
WTT-016	0.06 ±0.013	1.6 ±0.2	0.25 ±0.009	6.4 ±0.2	0.09 ±0.015	2.40 ±0.2
WTT-017	0.13 ±0.009	3.2 ±0.2	0.31 ±0.009	8.0 ±0.25	0.09 ±0.015	2.40 ±0.2
WTT-018	0.19 ±0.009	4.8 ±0.2	0.38 ±0.009	9.6 ±0.25	0.09 ±0.015	2.40 ±0.2
WTT-019	0.25 ±0.009	6.4 ±0.25	0.44 ±0.013	11.2 ±0.35	0.09 ±0.015	2.40 ±0.2
WTT-020	0.31 ±0.009	8.0 ±0.25	0.50 ±0.013	12.8 ±0.35	0.09 ±0.015	2.40 ±0.2
WTT-021	0.38 ±0.009	9.6 ±0.25	0.57 ±0.013	14.4 ±0.35	0.09 ±0.015	2.40 ±0.2
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WTT-026	0.38 ±0.009	9.6 ±0.25	0.63 ±0.015	16.0 ±0.35	0.13 ±0.009	3.20 ±0.2
WTT-027	0.50 ±0.013	12.7 ±0.35	0.75 ±0.015	19.1 ±0.4	0.13 ±0.009	3.20 ±0.2
WTT-028	0.63 ±0.013	15.9 ±0.35	0.88 ±0.015	22.3 ±0.4	0.13 ±0.009	3.20 ±0.2
WTT-029	0.31 ±0.009	8.0 ±0.25	0.63 ±0.015	16.0 ±0.35	0.16 ±0.009	4.00 ±0.2
WTT-030	0.47 ±0.013	12.0 ±0.35	0.79 ±0.015	20.0 ±0.4	0.16 ±0.009	4.00 ±0.2
WTT-031	0.63 ±0.015	16.0 ±0.35	0.94 ±0.015	24.0 ±0.4	0.16 ±0.009	4.00 ±0.2
WTT-032	0.38 ±0.009	9.6 ±0.25	0.76 ±0.015	19.2 ±0.4	0.19 ±0.009	4.80 ±0.2
WTT-033	0.50 ±0.013	12.7 ±0.35	0.88 ±0.015	22.3 ±0.4	0.19 ±0.009	4.80 ±0.2
WTT-034	0.63 ±0.015	15.9 ±0.35	1.00 ±0.019	25.5 ±0.5	0.19 ±0.009	4.80 ±0.2
WTT-035	0.75 ±0.015	19.0 ±0.4	1.13 ±0.019	28.6 ±0.5	0.19 ±0.009	4.80 ±0.2
WTT-036	1.00 ±0.015	25.4 ±0.5	1.38 ±0.019	35.0 ±0.5	0.19 ±0.009	4.80 ±0.2

**The above list mentions the standard sizes of Westoprene Tubes available with us in-house. However, we can undertake customizations. The minimum quantity for customization orders will range anywhere between 100-500 meters, depending on the cross sectional dimension of the tube.


WESTOFLUOUR®

FKM Tubes


DATASHEET




 **UV Resistance**
Excellent


 **Spallation**
Low


 **Water Absorption**
Low


 **Temperature Range**
-15 C - 200 C


 **Hardness (Shore A)**
60 Sh A (+/- 5) | 70 Sh A (+/-5)*


 **Specific Gravity**
1.8 - 1.9

 **Tensile Strength (psi)**
853

 **Elongation (break %)**
276%

 **Sterilization Methods**
Gamma, Autoclave, ETO (on request)

 **Compression Set (%)**
35% - 45%

 **Chemical Compatibility**
Excellent (compatible with mild and strong acids, aliphatic and aromatic hydrocarbons)

*Note: Standard hardness for Westofluour Tube is 60 Sh A & 70 Sh A. However, tubes can be customized in 50 Sh A and 70 Sh A hardness as well as per client's requirement

FEATURES:

-FKM is chemically inert, hence offers excellent chemical resistance -Very good high temperature resistance -Westoflour FKM Tubes are resistant to many inorganic and organic solvents, oils, and petroleum products -Ideal for harsh environments consisting of corrosive chemicals

APPLICATIONS:

-Automotive fluid transfer - Peristaltic pumps -Petroleum and oil transfer lines -Hot lubrication - Chemical processing -Roll covers for corrosive processes -High temperature fluid transfer

BULK ORDERS**:

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- Customizing tube sizes to suit your specific application
- Offering highly competitive pricing
- Customizing coil lengths to fit your process; this in turn would eliminate on-site cutting and ensure the tube is ready for use
- Packaging tubes to suit your needs - single bag, double bag or individually packed coil lengths
- Custom printing with indelible ink for lot traceability

CERTIFICATIONS:

- FDA 21 CFR 177.2600
- RoHS
- European Pharmacopoeia

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SIZES

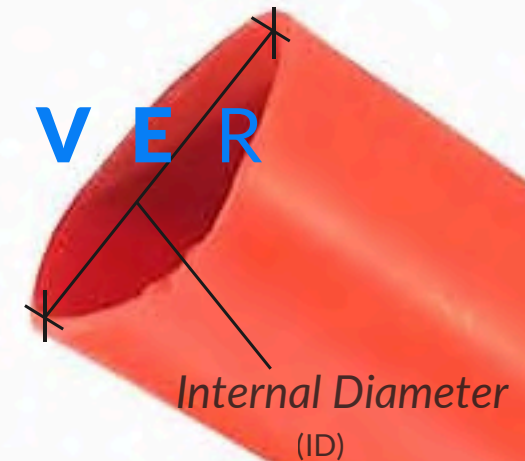
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WFT-009	0.13 ±0.019	3.2 ±0.25	0.25 ±0.009	6.4 ±0.25	0.06 ±0.009	1.60 ±0.25
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WFT-023	0.47 ±0.013	12.0 ±0.35	0.71 ±0.015	18.0 ±0.4	0.12 ±0.015	3.00 ±0.25
WFT-024	0.19 ±0.009	4.8 ±0.25	0.44 ±0.013	11.2 ±0.35	0.13 ±0.013	3.20 ±0.25
WFT-025	0.25 ±0.009	6.4 ±0.25	0.50 ±0.013	12.8 ±0.35	0.13 ±0.013	3.20 ±0.25
WFT-026	0.38 ±0.009	9.6 ±0.25	0.63 ±0.015	16.0 ±0.35	0.13 ±0.015	3.20 ±0.25
WFT-027	0.50 ±0.013	12.7 ±0.35	0.75 ±0.015	19.1 ±0.4	0.13 ±0.015	3.20 ±0.25
WFT-028	0.63 ±0.013	15.9 ±0.35	0.88 ±0.015	22.3 ±0.4	0.13 ±0.015	3.20 ±0.25
WFT-029	0.31 ±0.009	8.0 ±0.25	0.63 ±0.015	16.0 ±0.35	0.16 ±0.015	4.00 ±0.25
WFT-030	0.47 ±0.013	12.0 ±0.35	0.79 ±0.015	20.0 ±0.4	0.16 ±0.015	4.00 ±0.25
WFT-031	0.63 ±0.015	16.0 ±0.35	0.94 ±0.015	24.0 ±0.4	0.16 ±0.015	4.00 ±0.25
WFT-032	0.38 ±0.009	9.6 ±0.25	0.76 ±0.015	19.2 ±0.4	0.19 ±0.015	4.80 ±0.25
WFT-033	0.50 ±0.013	12.7 ±0.35	0.88 ±0.015	22.3 ±0.4	0.19 ±0.015	4.80 ±0.25
WFT-034	0.63 ±0.015	15.9 ±0.35	1.00 ±0.019	25.5 ±0.5	0.19 ±0.019	4.80 ±0.25
WFT-035	0.75 ±0.015	19.0 ±0.4	1.13 ±0.019	28.6 ±0.5	0.19 ±0.019	4.80 ±0.25
WFT-036	1.00 ±0.015	25.4 ±0.5	1.38 ±0.019	35.0 ±0.5	0.19 ±0.019	4.80 ±0.25

WESTOSLEEVE

Platinum Cured Silicone

DATASHEET



Colour
Transparent/Red/
Orange/Blue/Green

Material
PlatinumCured Silicone

<p>UV Resistance Excellent</p>	<p>Dielectric Strength 31 kV/mm</p>	<p>Water Absorption Low</p>	<p>Temperature Range -60 C to 230 C</p>
<p>Hardness (Shore A) 60 Sh A (+/- 5)* 70 Sh A (+/-5)*</p>	<p>Specific Gravity 1.13 - 1.17</p>	<p>Tensile Strength (psi) 1595</p>	<p>Elongation (break %) 800%</p>
<p>Sterilization Methods Gamma, Autoclave, ETO (on request)</p>	<p>Compression Set (%) 20%</p>	<p>Gas Permeability Low</p>	

*Note: Standard hardness for Westosleeve Tube is 60 Sh A & 70 Sh A. However, tubes can be customized in 50 Sh A and 70 Sh A hardness as well as per client's requirement

FEATURES:

- Non-reinforced -Very thin wall thickness
- Can adjust to machine vibrations
- Odorless and tasteless
- Colour: Transparent (can be customized to any other colour)

APPLICATIONS:

- Ideal for lowpressure applications
- Powder transfer
- Liquid and semi liquid transfer
- Dairy industry
- Juice vending machines
- Corona treatment

BULK ORDERS**:

If you buy large volumes (more than 100 meters) of Westosleeves, Western Sealtech will pass on some production, cost and dispatch benefits to you like:

- Customizing tube sizes to suit your specific application
- Offering highly competitive pricing
- Customizing coil lengths to fit your process; this in turn would eliminate on-site cutting and ensure the tube is ready for use
- Packaging tubes to suit your needs - single bag, double bag or individually packed coil lengths
- Custom printing with indelible ink for lot traceability

CERTIFICATIONS:

- FDA 21 CFR
- European Pharmacopoeia
- ROHS
- REACH
- Extractables and Leachables on request
- BSE/TSE Free Certification
- Phthalate and plasticizer free certificate
- USP Class VI
- Physical properties
- Technical Data Sheet

SIZES

*STANDARD COIL LENGTH FOR ALL TUBES: 1M - 4M

PART NO.	INTERNAL DIAMETER				WALL THICKNESS
	IN		MM		
WS-001	1	±0.027	25.4	±0.70	1mm/2mm/3mm ±0.25
WS-002	2	±0.027	50.8	±0.70	1mm/2mm/3mm ±0.25
WS-003	3	±0.03	4 76.2	±0.80	1mm/2mm/3mm ±0.25
WS-004	±0.039	5	101.6	±1.00	1mm/2mm/3mm ±0.25
WS-005	±0.039	6	127.0	±1.00	1mm/2mm/3mm ±0.25
WS-006	±0.039	7	152.4	±1.00	1mm/2mm/3mm ±0.25
WS-007	±0.0002	8	177.8	*0.006	1mm/2mm/3mm ±0.25
WS-008	±0.0002		203.2	*0.006	1mm/2mm/3mm ±0.25

**The above list mentions the standard sizes of Westosleeve Tubes available with us in-house. However, we can undertake customizations. The minimum quantity for customization orders will range anywhere between 100-500 meters, depending on the cross sectional dimension of the tube.



western
sealtech

HOSES

DATASHEET

● **Colour**
Transparent


Material
PlatinumCured Silicone


Outer Diameter (OD)


Internal Diameter (ID)


Coil Length

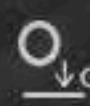
 **UV Resistance**
Excellent


 **Reinforcement**
Polyester / Nylon Braiding

 **Water Absorption**
Low


 **Temperature Range**
-60°C to 230 °C

 **Hardness (Shore A)**
70 Sh A (+/- 5)*

 **Specific Gravity**
1.13 - 1.17


 **Tensile Strength (psi)**
1595

 **Elongation (break %)**
800%

 **Sterilization Methods**
Gamma, Autoclave, ETO (on request)

 **Compression Set (%)**
20%

 **Gas Permeability**
Low

 **Tear B, ppi**
240

*Note: Standard hardness for Westobraid Hose is 70 Sh A. However, hoses can be customized in 50 Sh A and 70 Sh A hardness as well as per client's requirement

FEATURES:

- Westobraid Hoses are platinum cured hoses reinforced with single layer of polyester braiding
- Food and pharmaceutical grade hoses manufactured in accordance with US FDA Standard
- Preferred in pressurized applications for transferring liquid and semi liquid products via
- Westobraid hoses guarantee superior level of hygiene compared to peroxide cured silicone hoses
- They offer transparency and high-quality polyester braiding -Batch traceability
- Can be made available with SS 316L Tri-Clover (TC) clamps (RA Value < 0.5)

APPLICATIONS:

- Biotech industries
- Pharmaceutical
- Food and beverage processing
- Chemical labs
- Chemical and adhesive filling systems

BULK ORDERS**:

- If you buy large volumes (50-200 meters) of Westobraid Hoses, Western Sealtech will pass on some production, cost and dispatch benefits to you like:
- Customizing hose sizes to suit your specific application
 - Offering highly competitive pricing
 - Customizing coil lengths to fit your process; this in turn would eliminate on-site cutting and ensure the hose is ready for use
 - Packaging hoses to suit your needs - single bag, double bag or individually packed coil lengths
 - Custom printing with indelible ink for lot traceability
 - Colored outer layer as per process line code

CERTIFICATIONS:

- FDA 21 CFR
- European Pharmacopoeia
- ROHS
- REACH
- Extractables and Leachables on request
- BSE/TSE Free Certification
- Phthalate and plasticizer free certificate
- USP Class VI
- Physical properties
- Technical Data Sheet
- Complete validation package

SIZES

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE*		BURSTING PRESSURE*		BENDING RADIUS	STANDARD COIL LENGTH
	IN	MM	IN	MM	bar at 27 C	psi at 80 F	bar at 27 C	psi at 80 F	MM	
WB-0001	0.25±0.009	6.30 ±0.25	0.51 ±0.013	13.0 ±0.35	11.0	160	28	406	40	5m/15m/25m
WB-0002	0.31±0.009	8.00 ±0.25	0.63 ±0.013	16.0 ±0.35	9.0	131	26	377	45	5m/15m/25m
WB-0003	0.37±0.009	9.50 ±0.25	0.71 ±0.015	18.0 ±0.4	8.5	123	24	348	55	5m/15m/25m
WB-0004	0.50±0.013	12.70 ±0.35	0.79 ±0.015	20.0 ±0.4	7.5	109	23	334	70	5m/15m/25m
WB-0005	0.62±0.013	15.80 ±0.35	0.96 ±0.015	24.5 ±0.4	6.6	96	21	305	85	5m/15m/25m
WB-0006	0.75±0.015	19.00 ±0.4	1.10 ±0.019	28.0 ±0.5	6.0	87	19	276	95	5m/15m/25m
WB-0007	1.00±0.019	25.40 ±0.5	1.39 ±0.019	35.4 ±0.5	4.0	58	10	145	135	2m/5m/10m/15m
WB-0008	1.25±0.019	31.75 ±0.5	1.65 ±0.027	42.0 ±0.7	3.5	51	9	131	160	2m/5m/10m/15m
WB-0009	1.46±0.019	37.00 ±0.5	1.85 ±0.027	47.0 ±0.7	3.0	44	9	131	250	2m/5m/10m/15m
WB-0010	1.97±0.027	50.00 ±0.7	2.44 ±0.027	62.0 ±0.7	2.5	36	8	116	300	2m/5m/10m/15m

* Pressure data is considered at normal room temperature of 27 C/ 80 F. Please reduce pressure values by 20% for each increase of 100 C/212 F

**The above list mentions the standard sizes of Westobraid Hoses available with us in-house. However, we can undertake customizations. The minimum quantity for customization orders will range anywhere between 50-200 meters, depending on the cross sectional dimension of the hose.

WESTOCOIL[®]

PlatinumCuredSiliconeSSCoiled Hoses

DATASHEET

Coil Length

● Colour
Transparent

● Material
PlatinumCured Silicone

☀️ **UV Resistance**
Excellent

≡ **Reinforcement**
SS 316 Coiling

💧 **Water Absorption**
Low

▮ **Temperature Range**
-60°C to 230 °C

■ **Hardness (Shore A)**
70 Sh A (+/- 5)*

○_{↓G} **Specific Gravity**
1.13 - 1.17

↓ **Tensile Strength (psi)**
1595

↔ **Elongation (break %)**
800%

⚡ **Sterilization Methods**
Gamma, Autoclave, ETO (on request)

↔ **Compression Set (%)**
20%

🌀 **Gas Permeability**
Low

⚡ **Tear B, ppi**
240

*Note: Standard hardness for Westocoil Hose is 70 Sh A. However, tubes can be customized in 50 Sh A and 70 Sh A hardness as well as per client's requirement

FEATURES:

- Westocoil Hoses are platinum cured Silicone hoses with SS 316 coiling
- Ideal for transfer of liquids in high pressure and high vacuum applications
- Offers high flexibility and tight bending repetitive

radius, hence assisting in movements in dosing and filling machines

- Transparency allows visibility of the conveyed product
- High burst pressure resistance compared to Westobraid Hoses
- Leaves no taste or odor
- Batch traceability
- Can be made available with SS 316L Tri-Clover (TC) clamps (RA Value < 0.5)

APPLICATIONS:

- Liquid suction transfer -Bulk transfer
- High vacuum applications
- Food and beverage processing
- Pharmaceutical
- Biotech industries

BULK ORDERS**:

If you buy large volumes (50-200 meters) of Westocoil Hoses, Western Sealtech will pass on some production, cost and dispatch benefits to you like:

- Customizing hose sizes to suit your specific application
- Offering highly competitive pricing
- Customizing coil lengths to fit your process; this in turn would eliminate on-site cutting and ensure the hose is ready for use
- Packaging hoses to suit your needs - single bag, double bag or individually packed coil lengths
- Custom printing with indelible ink for lot traceability
- Colored outer layer as per process line code

CERTIFICATIONS:

- FDA21 CFR
- European Pharmacopoeia
- ROHS
- REACH
- Extractables and Leachables on request
- BSE/TSE Free Certification
- Phthalate and plasticizer free certificate
- USP Class VI
- Physical properties
- Material test certificate (SS 316 L)
- Technical Data Sheet
- Complete validation package

SIZES

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE*		BURSTING PRESSURE*		VACUUM PRESSURE		BENDING RADIUS	STANDARD COIL LENGTH
	IN	MM	IN	MM	bar at 27 C	psi at 80 F	bar at 27 C	psi at 80 F	bar at 27 C	psi at 80 F		
WC-001	0.35 ±0.009	9.0 ±0.25	0.75 0.75	19.0 ±0.4	13.0	189	40	580	0.9	13	50	5m/15m/25m
WC-002	0.47 ±0.013	12.0 ±0.35	0.87 0.87	22.0 ±0.4	11.5	167	38	551	0.9	13	60	5m/15m/25m
WC-003	0.75 ±0.015	19.0 ±0.4	1.14 1.14	29.0 ±0.5	11.0	160	35	508	0.9	13	75	2m/5m/10m/15m
WC-004	1.00 ±0.019	25.4 ±0.5	1.39 1.39	35.4 ±0.5	9.0	131	28	406	0.9	13	110	2m/5m/10m/15m
WC-005	1.26 ±0.019	32.0 ±0.5	1.65 1.65	42.0 ±0.7	8.5	123	25	363	0.9	13	120	2m/5m/10m/15m
WC-006	1.46 ±0.019	37.0 ±0.5	1.85 1.85	47.0 ±0.7	8.0	116	25	363	0.9	13	155	2m/5m/10m/15m
WC-007	2.01 ±0.027	51.0 ±0.7	2.40 2.40	61.0 ±0.7	7.5	109	21	305	0.8	12	230	2m
WC-008	2.52 ±0.031	64.0 ±0.8	2.91 2.91	74.0 ±0.8	6.5	94	20	290	0.8	12	335	2m
WC-009	2.99 ±0.031	76.0 ±0.8	3.39 3.39	86.0 ±0.8	3.5	51	13	189	0.8	12	480	2m
WC-010	4.02 ±0.039	102.0 ±1	4.41 4.41	112.0 ±1	1.5	22	9.5	138	0.8	12	540	2m

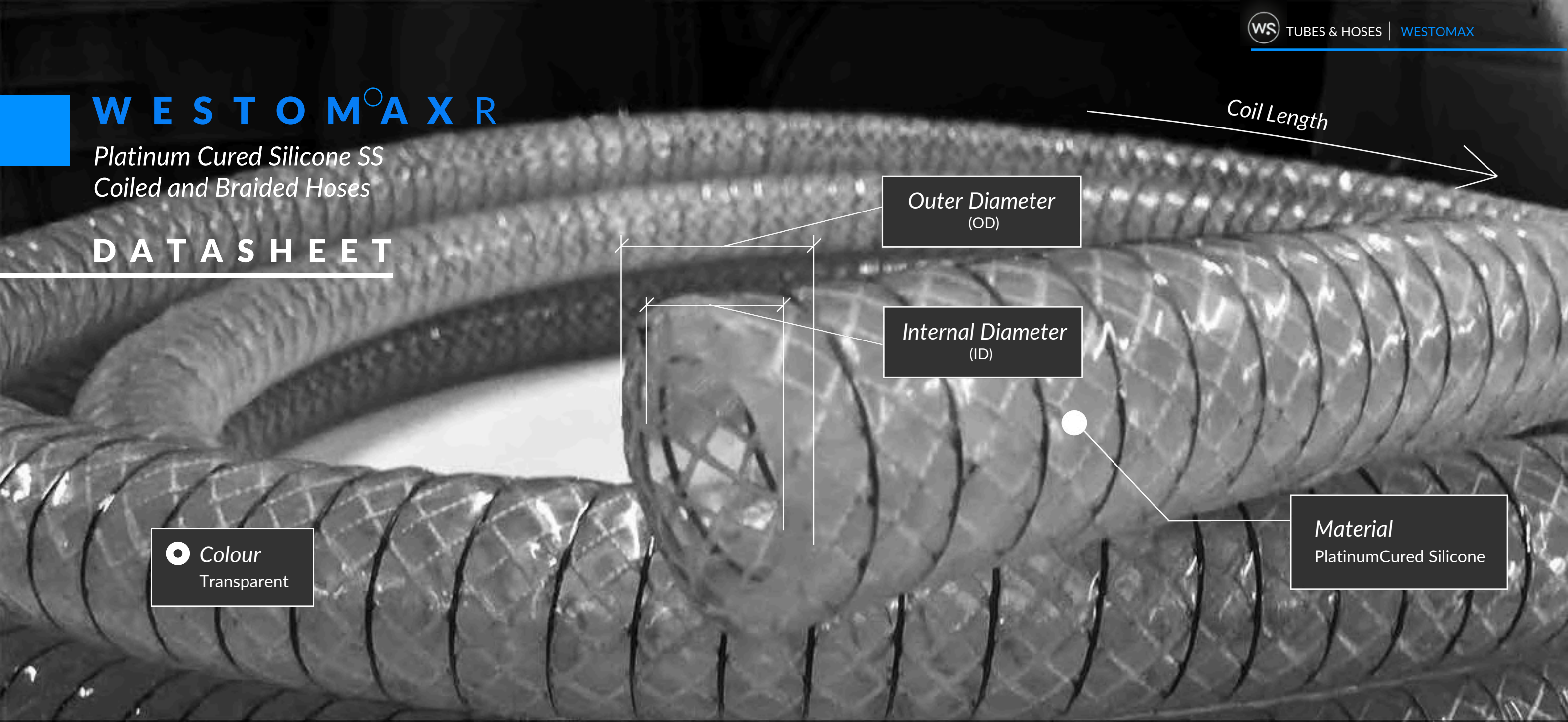
* Pressure data is considered at normal room temperature of 27 C/ 80 F. Please reduce pressure values by 20% for each increase of 100 C/212 F

**The above list mentions the standard sizes of Westocoil Hoses available with us in-house. However, we can undertake customizations. The minimum quantity for customization orders will range anywhere between 50-200 meters, depending on the cross sectional dimension of the hose.

WESTOMAX R

Platinum Cured Silicone SS
Coiled and Braided Hoses

DATASHEET



● **Colour**
Transparent

Outer Diameter (OD)

Internal Diameter (ID)

Material
PlatinumCured Silicone

☀ **UV Resistance**
Excellent

≡ **Reinforcement**
Polyester/Nylonbraiding and
SS 316 coiling

💧 **Water Absorption**
Low

▮ **Temperature Range**
-60°C to 230 °C

■ **Hardness (Shore A)**
70 Sh A (+/- 5)*

○_G **Specific Gravity**
1.13 - 1.17

↓ **Tensile Strength (psi)**
1595

↔ **Elongation (break %)**
800%

⚡ **Sterilization Methods**
Gamma, Autoclave, ETO (on request)

↔ **Compression Set (%)**
20%

⚡ **Gas Permeability**
Low

⚡ **Tear B, ppi**
240

*Note: Standard hardness for Westomax Hose is 70 Sh A. However, tubes can be customized in 50 Sh A and 70 Sh A hardness as well as per client's requirement

FEATURES:

- Westomax hoses unique combination of Westobraid and Westocoil Hoses
- Platinum cured hoses with SS coiling and polyester braiding
- Higher pressure, burst and vacuum resistance compared to other hoses
- Highly suitable for pressurized fluid transfer applications
- Leaves no taste or odor
- Batch traceability
- Can be made available with SS 316L Tri-Clover (TC) clamps (RA Value < 0.5)

APPLICATIONS:

- High vacuum pump applications
- Biotechnology
- Pharmaceutical processing
- Bulk transfer
- Load cell application
- Powder and fluid transfer

BULK ORDERS**:

- If you buy large volumes (50-200 meters) of Westomax Hoses, Western Sealtech will pass on some production, cost and dispatch benefits to you like:
- Customizing hose sizes to suit your specific application
 - Offering highly competitive pricing
 - Customizing coil lengths to fit your process; this in turn would eliminate on-site cutting and ensure the hose is ready for use
 - Packaging hoses to suit your needs - single bag, double bag or individually packed coil lengths
 - Custom printing with indelible ink for lot traceability
 - Colored outer layer as per process line code

CERTIFICATIONS:

- FDA21 CFR
- European Pharmacopoeia
- ROHS
- REACH
- Extractables and Leachables on request
- BSE/TSE Free Certification
- Phthalate and plasticizer free certificate
- USP Class VI
- Physical properties
- Material test certificate (SS 316 L)
- Technical Data Sheet
- Complete validation package

SIZES

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE*		BURSTING PRESSURE*		VACUUM PRESSURE		BENDING RADIUS	STANDARD COIL LENGTH
	IN	MM	IN	MM	bar at 27 C	psi at 80 F	bar at 27 C	psi at 80 F	bar at 27 C	psi at 80 F	MM	
WM-001	0.24 ±0.009	6 ±0.25	0.71 ±0.015	18 ±0.4	28.0	406	78.0	1131	0.9	13	30	5m/15m/25m
WM-002	0.39 ±0.009	10 ±0.25	0.87 ±0.015	22 ±0.4	23.0	334	66.0	957	0.9	13	34	5m/15m/25m
WM-003	0.51 ±0.013	13 ±0.35	0.98 ±0.015	25 ±0.4	19.0	276	59.0	856	0.9	13	40	5m/15m/25m
WM-004	0.75 ±0.015	19 ±0.4	1.22 ±0.019	31 ±0.5	18.5	268	50.0	725	0.9	13	55	5m/15m/25m
WM-005	0.98 ±0.015	25 ±0.4	1.46 ±0.019	37 ±0.5	16.0	232	45.0	653	0.9	13	69	2m/5m/10m/15m
WM-006	1.26 ±0.019	32 ±0.5	1.73 ±0.027	44 ±0.7	14.5	210	38.0	551	0.9	13	90	2m/5m/10m/15m
WM-007	1.50 ±0.019	38 ±0.5	1.97 ±0.027	50 ±0.7	13.0	189	34.5	500	0.9	13	110	2m/5m/10m/15m
WM-008	2.01 ±0.027	51 ±0.7	2.48 ±0.027	63 ±0.7	11.2	162	27.0	392	0.8	12	142	2m
WM-009	2.48 ±0.027	63 ±0.7	2.95 ±0.031	75 ±0.8	9.0	131	22.5	326	0.8	12	178	2m
WM-010	2.99 ±0.031	76 ±0.8	3.46 ±0.031	88 ±0.8	8.3	120	16.0	232	0.8	12	230	2m
WM-011	4.02 ±0.039	102 ±1	4.49 ±0.039	114 ±1	5.0	73	11.2	162	0.8	12	360	2m

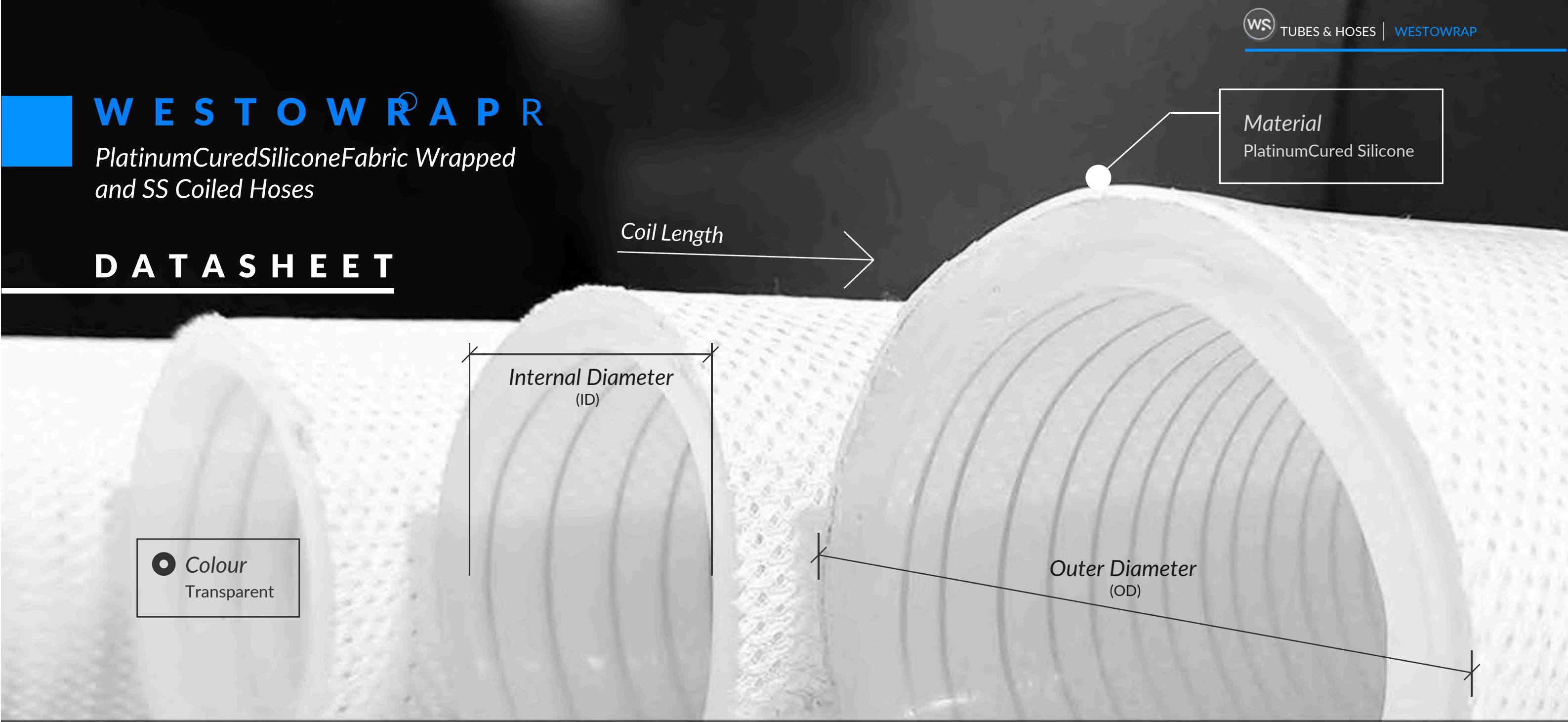
* Pressure data is considered at normal room temperature of 27 C/ 80 F. Please reduce pressure values by 20% for each increase of 100 C/212 F

**The above list mentions the standard sizes of Westomax Hoses available with us in-house. However, we can undertake customizations. The minimum quantity for customization orders will range anywhere between 50-200 meters, depending on the cross sectional dimension of the hose.

WESTOWRAP

PlatinumCuredSiliconeFabric Wrapped and SS Coiled Hoses

DATASHEET



● Colour
Transparent

Internal Diameter (ID)

Outer Diameter (OD)

 <p>UV Resistance Excellent</p>	 <p>Reinforcement Fabric and SS 316 coiling</p>	 <p>Water Absorption Low</p>	 <p>Temperature Range -60°C to 230°C</p>
 <p>Hardness (Shore A) 70 Sh A (+/- 5)*</p>	 <p>Specific Gravity 1.13 - 1.17</p>	 <p>Tensile Strength (psi) 1595</p>	 <p>Elongation (break %) 800%</p>
 <p>Sterilization Methods Gamma, Autoclave, ETO (on request)</p>	 <p>Compression Set (%) 20%</p>	 <p>Gas Permeability Low</p>	 <p>Tear B, ppi 240</p>

*Note: Standard hardness for Westowrap Hose is 70 Sh A. However, tubes can be customized in 50 Sh A and 70 Sh A hardness as well as per client's requirement

FEATURES:

- Highly flexible
- Excellent kink resistance
- Preferred for high pressure applications due to the presence of SS 316L coiling
- Designed for vacuum applications
- Batch traceability
- Can be made available with SS 316L Tri-Clover (TC) clamps (RA Value < 0.5)

APPLICATIONS:

- Pharmaceutical
- Fluid transfer
- Food and beverage processing
- Chemical transfer for cell culture
- Fermentations and bioreactors
- High pressure steam transfer applications

BULK ORDERS**:

- If you buy large volumes (50-200 meters) of Westowrap Hoses, Western Sealtech will pass on some production, cost and dispatch benefits to you like:
- Customizing hose sizes to suit your specific application
 - Offering highly competitive pricing
 - Customizing coil lengths to fit your process; this in turn would eliminate on-site cutting and ensure the hose is ready for use
 - Packaging hoses to suit your needs - single bag, double bag or individually packed coil lengths
 - Custom printing with indelible ink for lot traceability
 - Colored outer layer as per process line code

CERTIFICATIONS:

- FDA21 CFR
- European Pharmacopoeia
- ROHS
- REACH
- Extractables and Leachables on request
- BSE/TSE Free Certification
- Phthalate and plasticizer free certificate
- USP Class VI
- Physical properties
- Material test certificate (SS 316 L)
- Technical Data Sheet
- Complete validation package

SIZES

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE*		BURSTING PRESSURE*		VACUUM PRESSURE		BENDING RADIUS MM	STANDARD COIL LENGTH
	IN	MM	IN	MM	bar at 27 C	psi at 80 F	bar at 27 C	psi at 80 F	bar at 27 C	psi at 80 F		
WW-001	0.24 ±0.009	6 ±0.25	0.71 ±0.015	18 ±0.4	28.0	406	78.0	1131	0.9	13	30	2m
WW-002	0.39 ±0.009	10 ±0.25	0.87 ±0.015	22 ±0.4	23.0	334	66.0	957	0.9	13	34	2m
WW-003	0.51 ±0.013	13 ±0.35	0.98 ±0.015	25 ±0.4	19.0	276	59.0	856	0.9	13	40	2m
WW-004	0.75 ±0.015	19 ±0.4	1.22 ±0.019	31 ±0.5	18.5	268	50.0	725	0.9	13	55	2m
WW-005	0.98 ±0.015	25 ±0.4	1.46 ±0.019	37 ±0.5	16.0	232	45.0	653	0.9	13	69	2m
WW-006	1.26 ±0.019	32 ±0.5	1.73 ±0.027	44 ±0.7	14.5	210	38.0	551	0.9	13	90	2m
WW-007	1.50 ±0.019	38 ±0.5	1.97 ±0.027	50 ±0.7	13.0	189	34.5	500	0.9	13	110	2m
WW-008	2.01 ±0.027	51 ±0.7	2.48 ±0.027	63 ±0.7	11.2	162	27.0	392	0.8	12	142	2m
WW-009	2.48 ±0.027	63 ±0.7	2.95 ±0.031	75 ±0.8	9.0	131	22.5	326	0.8	12	178	2m
WW-010	2.99 ±0.031	76 ±0.8	3.46 ±0.031	88 ±0.8	8.3	120	16.0	232	0.8	12	230	2m
WW-011	4.02 ±0.039	102 ±1	4.49 ±0.039	114 ±1	5.0	73	11.2	162	0.8	12	360	2m

* Pressure data is considered at normal room temperature of 27 C/ 80 F. Please reduce pressure values by 20% for each increase of 100 C/212 F

**The above list mentions the standard sizes of Westowrap Hoses available with us in-house. However, we can undertake customizations. The minimum quantity for customization orders will range anywhere between 50-200 meters, depending on the cross sectional dimension of the hose.

WESTOFUSION[®]

PTFE Inner Core with SS Braiding
Jacketed in Platinum Cured Silicone

DATASHEET

● Colour
Transparent




Coil Length

SS 316 Coiling

Platinum Cured Silicone

Materials:

PTFE

 <p>UV Resistance Excellent</p>	 <p>Reinforcement Polyesterbraiding and SS 316 coiling</p>	 <p>Water Absorption Low</p>	 <p>Temperature Range -60°C to 230 °C</p>
 <p>Hardness (Shore A) 70 Sh A (+/- 5)*</p>	 <p>Specific Gravity 1.13 - 1.17</p>	 <p>Tensile Strength (psi) 1595</p>	 <p>Elongation (break %) 800%</p>
 <p>Sterilization Methods Gamma, Autoclave, ETO (on request)</p>	 <p>Compression Set (%) 20%</p>	 <p>Gas Permeability Low</p>	 <p>Tear B, ppi 240</p>

*Note: Standard hardness for Westofusion Hose is 70 Sh A. However, tubes can be customized in 50 Sh A and 70 Sh A hardness as well as per client's requirement

FEATURES:

- Composite hose made up of 3 materials
- The innermost PTFE lining offers chemical resistance against some of the most chemically aggressive fluids
- The SS 316L braiding ensures high pressure resistance
- The outer Silicone jacket protects the inner 2 layers
- Sterilization autoclave, EtO (on request)
- Can be made available with SS 316L Tri-Clover (TC) clamps (RA Value < 0.5) methods include Gamma,

APPLICATIONS:

- Beverage plants
- Mega factories for transferring corrosive fluids
- Battery acid plants
- Pharmaceutical fluid transfer -

BULK ORDERS :

- If you buy large volumes (50-200 meters) of Westofusion Hoses, Western Sealtech will pass on some production, cost and dispatch benefits to you like:
- Customizing hose sizes to suit your specific application
 - Offering highly competitive pricing
 - Customizing coil lengths to fit your process; this in turn would eliminate on-site cutting and ensure the hose is ready for use
 - Packaging hoses to suit your needs - single bag, double bag or individually packed coil lengths
 - Custom printing with indelible ink for lot traceability
 - Colored outer layer as per process line code

CERTIFICATIONS:

- FDA21 CFR
- European Pharmacopoeia
- ROHS
- REACH
- Extractables and Leachables on request
- BSE/TSE Free Certification
- Phthalate and plasticizer free certificate
- USP Class VI
- Physical properties
- Material test certificate (SS 316 L)
- Technical Data Sheet
- Complete validation package

SIZES

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE*		BURSTING PRESSURE*		VACUUM PRESSURE		BENDING RADIUS	STANDARD COIL LENGTH
	IN	MM	IN	MM	bar at 27 C	psi at 80 F	bar at 27 C	psi at 80 F	bar at 27 C	psi at 80 F		
WF-001	0.24 ±0.009	6 ±0.25	0.71 ±0.015	18 ±0.4	28.0	406	78.0	1131	0.9	13	30	5m/15m/25m
WF-002	0.39 ±0.009	10 ±0.25	0.87 ±0.015	22 ±0.4	23.0	334	66.0	957	0.9	13	34	5m/15m/25m
WF-003	0.51 ±0.013	13 ±0.35	0.98 ±0.015	25 ±0.4	19.0	276	59.0	856	0.9	13	40	5m/15m/25m
WF-004	0.75 ±0.015	19 ±0.4	1.22 ±0.019	31 ±0.5	18.5	268	50.0	725	0.9	13	55	5m/15m/25m
WF-005	0.98 ±0.019	25 ±0.5	1.46 ±0.019	37 ±0.5	16.0	232	45.0	653	0.9	13	69	2m/5m/10m/15m
WF-006	1.26 ±0.019	32 ±0.5	1.73 ±0.027	44 ±0.7	14.5	210	38.0	551	0.9	13	90	2m/5m/10m/15m
WF-007	1.50 ±0.019	38 ±0.5	1.97 ±0.027	50 ±0.7	13.0	189	34.5	500	0.9	13	110	2m/5m/10m/15m
WF-008	2.01 ±0.027	51 ±0.7	2.48 ±0.027	63 ±0.7	11.2	162	27.0	392	0.8	12	142	2m
WF-009	2.48 ±0.027	63 ±0.7	2.95 ±0.031	75 ±0.8	9.0	131	22.5	326	0.8	12	178	2m
WF-010	2.99 ±0.031	76 ±0.8	3.46 ±0.031	88 ±0.8	8.3	120	16.0	232	0.8	12	230	2m
WF-011	4.02 ±0.039	102 ±1	4.49 ±0.039	114 ±1	5.0	73	11.2	162	0.8	12	360	2m

* Pressure data is considered at normal room temperature of 27 C/ 80 F. Please reduce pressure values by 20% for each increase of 100 C/212 F

**The above list mentions the standard sizes of Westofusion Hoses available with us in-house. However, we can undertake customizations. The minimum quantity for customization orders will range anywhere between 50-200 meters, depending on the cross sectional dimension of the hose.

OUR CLIENTELE



OTHER CATALOGUES



COMPANY PROFILE

VIEW ON OUR WEBSITE

<https://www.westernsealtech.com/knowledge-center/>



INFLATABLE SEALS

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RUBBER & PTFE DIAPHRAGMS

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RUBBER EXTRUSIONS

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RAIL AND MASS TRANSIT

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