



GAUGE POLE COVERS

FEATURES

- Reduce Product Loss Costs
- Minimize Product Emmissions
- Improved Zipper Design
 - "Single Pass" Zipper Closure
 - More than 2x Faster Installation
 - Waterproof

Charter Vapor-Sleeve gauge pole covers are made from our ALL-CHEM PU-2035 fabrics which offer supreme UV protections and industry leading chemical compatibility. Charter's Vapor-Sleeve is engineered for MAXIMUM flexibility while maintaining the highest possible puncture/abrasion resistance.
 (See PU-2035 literature for more material details)

CHEMICAL COMPATIBILITY

COMPLY WITH REGULATIONS AND STANDARDS

Tank Products	Rating	Tank Products	Rating
Acetone	D	Diesel #2	A
Acetyl Bromide	D	Diesel Oil	A
Acetyl Chloride	D	Ethanol	A
Acrylonitrile	D	Ethylene Glycol	A
Alcohol - Ethyl	D	Gasoline	A
Alcohol - Methyl	D	Heptane	A
Allyl Chloride	D	Hexane	A
ASTM Fuel A	A	Isooctane	A
ASTM Fuel B	A	Jet "A"	A
ASTM Fuel C	A	Kerosene	A
ASTM Oil #1	A	Methyl Ethyl Ketone	D
ASTM Oil #2	A	MTBE 100%	A
ASTM Oil #3	A	Naphtha	A
Aviation Gasoline	A	Pentane	D
Benzene	D	Propylene Glycol	A
Butyl Acetate	D	Water	B
Crude Oil (Sour)	A	Toluene	A
Crude Oil (Low Sulpher)	A	Vinyl Acetate	D
Cyclohexane	A	Xylene	D

- ALLOWS REAL TIME PRODUCT MEASUREMENT WITHOUT PRODUCT LOSS
- EXTREMELY FLEXIBLE DESIGN WHILE MAINTAINING SHAPE AND FUNCTION
- EXCELLENT CHEMICAL RESISTANCE AND UV PROTECTION
- PROPRIETARY TRANSITION BOX-SUPERIOR VAPOR RETENTION & LEAK PREVENTION
- SPECIALLY DESIGNED PER ORDER
- INSTALLS DURING OPERATION

A	Suitable for continuous liquid and vapor service. Consult Charter Industrial for chemical products not shown.
B	Suitable for intermittent liquid services and continuous vapor services.
C	Suitable for intermittent services.
D	Not Recommended



UV RESISTANT



OVER 30 YEARS
 MANUFACTURING
 EXPERIENCE



VAPOR-SLEEVE™
GAUGE POLE COVERS

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Reduce Product Loss Costs

Minimize Product Emissions

Improved Zipper Design

-"Single Pass" Zipper Closure

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-Waterproof

PRODUCT ATTRIBUTES



DESCRIPTION	TEST METHOD Ref std	SPECIFIED VALUE (0.025)
Type of coating		Both side PU
Color		Black / Grey
Embossing		181 or As per order
Width (cms)	FPS/TM/2 IS 7016 Part I	137 or As per order.
Thickness (inch)	FPS/TM/3 IS 7016 Part I/ISO 1421	0.025 minimum
Total weight (gsm)	FPS/TM/1 IS 7016 Part I	800 (approx.)
Break Strength (N) Warp Weft	FPS/TM/4 IS: 7016 Part-II/ISO 1421	850 min 850 min
Tear Strength (N) (Tongue tear/ 5cm) Warp Weft	BS3424 7 A	250 min 250 min
Abrasion Resistance (loss in weight)	ASTM D-3389 Taber Wheel H-22 1kg load	< 35 mg loss /1000 cycle



LEG - SOCKS

UV RESISTANT



FEATURES

Reduce Product Loss Costs

Reduce Hydrocarbon Vapor Loss

Manufactured to Highest Quality Standards - ISO 9001 Certified

Rated for Use in Ethanol Applications

Charter Leg Socks reduce hydrocarbon vapor losses and product losses. They are manufactured in accordance with the highest industry standards as a certified ISO 9001 registered company.

(See PU-2035 literature for more material details)

CHEMICAL COMPATIBILITY

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Acetyl Chloride	D	Ethanol	A
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Alcohol - Methyl	D	Heptane	A
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ASTM Fuel B	A	Jet "A"	A
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Aviation Gasoline	A	Pentane	D
Benzene	D	Propylene Glycol	A
Butyl Acetate	D	Water	B
Crude Oil (Sour)	A	Toluene	A
Crude Oil (Low Sulpher)	A	Vinyl Acetate	D
Cyclohexane	A	Xylene	D

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D	Not Recommended

EXCELLENT CHEMICAL RESISTANCE AND UV PROTECTION

SPECIALLY DESIGNED PER ORDER

Consult Charter Industrial – Petroleum Tank Products for assistance regarding lead time and availability.