

CHEMIGREN SD /16 EN12115

UHMWPE SUCTION AND DELIVERY HOSE FOR CHEMICAL PRODUCTS - EN 12115



APPLICATION

Suction and delivery hose for chemicals, petroleum and food stuffs as per EN 12115 specification. For deeper information, please check the chemical resistance table at the end of the catalog. The hose liner is FDA approved

TUBE

Translucent, non conductive **UHMWPE**

REINFORCEMENT

High strength synthetic plies, with steel spirals and 2 crossing copper wires for hose grounding

COVER

Black, smooth, fire proof and antistatic ($R < 10^6$ Ohm/m), cloth impression **CR** rubber compound, resistant to chemical products, ozone and weather

WORKING TEMPERATURE

-4°F +212°F
-20°C +100°C

SPECIFICATIONS

EN 12115 / TRbF / FDA

ID		OD		WEIGHT	WP		BP		BENDING RADIUS	VACUUM	COIL LENGTH
mm	inch	mm	inch	kg/m	bar	psi	bar	psi	mm	bar	m
19	3/4	31	1 7/32	0.71	16	240	64	960	125	0.9	40
25	1	37	1 29/64	0.87	16	240	64	960	150	0.9	40/61
32	1 1/4	44	1 47/64	1.07	16	240	64	960	175	0.9	40/61
38	1 1/2	51	2	1.35	16	240	64	960	225	0.9	40/61
51	2	67	2 41/64	2.29	16	240	64	960	275	0.9	40/61
63.5	2 1/2	80	3 5/32	2.51	16	240	64	960	300	0.9	40/61
76	3	92	3 5/8	3.08	16	240	64	960	350	0.9	40/61
102	4	118	4 41/64	4.51	12	180	48	720	450	0.8	40/61

Other diameters, pressure ratings are available on request. Technical data, structures and polymers are subject to change without notice.

BRANDING

