



fire brigade / disaster control

industry

construction sites

agriculture

potable water

special products

accessories

SYNTHETIC HILCODUR PU

High performance lay flat hose

Durable, multi purpose lay flat hose for industrial, agricultural and mining applications. Offers a tremendous resistance to abrasion, with a high flexibility featuring low pressure loss due to a uniform cover and lining. Circular woven jacket out of 100 % high tenacity polyester yarn embedded in a thermoplastic Polyurethane liner and cover using the "Through-the-weave-extrusion-process".



ADVANTAGES

- Exceptional resistance to oil, fuel and chemicals
- No drying required
- Cold-resistant up to -50°C
- Heat-resistant up to +75°C
- Increased protection against mechanical damages
- Excellent resistance to ageing, weathering, ozone and UV
- Easy maintenance and handling

SERVICES

- Standard colour black other colours on request
- Individual marking available
- Binding with international couplings available on request
- Other diameters on request
- Standard lengths 100 m and 200 m
- Available in lengths up to 500 m depending on diameter

Diameter Inch (mm)	Weight (g/m)	Wall thickness mm	Burst pressure bar	Working pressure bar	Tensile strength* kg
2" (52)	475	2,6	60	24	5000
3" (75)	780	2,8	50	20	8000
3 ½" (90)	870	2,8	40	16	9000
4" (102)	1350	3,0	40	16	10000
5" (127)	1680	3,0	40	15	12000
6" (152)	1940	3,0	40	15	15000
8" (203)	2315	3,0	40	15	18500
10" (254)	2990	3,2	30	10	23500
12" (305)	4620	3,3	30	10	38000
14" (356)	5610		On request		

* Theoretical value

Changes in technical specification without prior notice