



ESCHBACH HILCODUR AGRI PU

High performance Polyurethane hose

Supreme, multi purpose lay flat hose for agricultural and irrigation applications. Offers a tremendous resistance to abrasion, with a high flexibility featuring a low pressure loss due to a smooth surface. Circular woven reinforced jacket out of out of 100 % high tenacity polyester yarn with a thermoplastic Polyurethane liner and cover manufactured using the "Through-the-weaveextrusion-process."

ADVANTAGES

- Exceptional resistance to oil, fuel and chemicals
- No drying required
- Long-living
- 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



APPLICATIONS

- Agricultural applications
- Slurry distribution (drag hose)

SERVICES

- Standard colour black other colours on request
- Binding with international couplings available on request
- Other diameters available
- 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	5.000
3" (75)	780	2,8	50	20	8.000
3 ½" (90)	1350	3,5/4,5	40	16	10.400
4" (102)	1550	4,0/4,5	40	16	14.700
4 ½" (114)	1555	4,5	35	14	16.300
5" (127)	1800	4,0/4,5	30	12	18.500
6" (152)	2120	3,5	30	12	27.300
8" (203)	2800	4,3	40	16	41.000
10" (254)	4200	4,3	40	16	44.000
12" (305)	5200	5,2	40	16	48.000
14" (356)			On request		

Remark maximum working pressure:

The mentioned data is valid for the hose only. In case of fitted couplings the working pressure depends on the respective defined nominal pressure of the used coupling and the method of fitting.

* Theoretical value