

TECHNOBEL® PU



- 1 Extra flexible black PVC (hydrocarbons resistant) or green
- 2 Polyester reinforcement
- 3 Extra-flexible PVC
- 4 Transparent polyurethane ester

EXTRA FLEXIBLE HOSE FOR HYDROCARBONS TRANSFER.

Four-layer thermoplastic design, with an inner polyurethane wall. Reinforcement formed of a high resistant polyester fibre textile braiding.

APPLICATIONS

Transfer of petrols, oils and fuels, and certain solvents, transfer of moderately abrasive products, powders and granules, agricultural spraying (insecticides, pesticides, weed killers, etc), agro-chemical industry

SECTORS OF ACTIVITY

Industry in general, agriculture

MARKING

TECHNOBEL PU Ø inn x Ø out / Ø inn x th. [PS/PLNE] BAR [Batch number]

ADVANTAGES

The inner polyurethane layer, associated with specially formulated PVC compounds, provide excellent resistance to oils, hydrocarbons and numerous organic solvents. Moreover, the outer layer (black) provides good chemical resistance to hydrocarbons and solvent charged mist created by spraying. Finally, as the polyurethane is very resistant to abrasion and scratches (5 times greater resistance than PVC), mechanically aggressive products can also be transported by TECHNOBEL® PU hose (powders, granules, liquid mixtures...).

CONNECTORS

Quick connectors, barbed or serrated connectors. Band, worm drive, screw or butterfly clamps. Cap connectors.

Rigid plastic barbed connectors with clip clamps. Swaged fittings can be used if they do not damage the hose.

CHEMICAL RESISTANCE

See table pages 114 to 117 column A for green outer layer, col. B black outer layer, col. C for inner layer. TECHNOBEL® PU is formally contraindicated for the passage of acids, bases and aqueous products at temperatures above 40°C.

mm mm mm	+/- mm	mm mm mm	+/- mm	g/m bar bar mm	g/m bar bar mm	Green		Black			
						50 m	25 m	50 m			
6	+/-0.3	11	+/-0.3	2,5	87	60	20	40			153154
8	+/-0.5	14	+/-0.5	3	131	60	20	55	152845	153067	
9	+/-0.5	15	+/-0.5	3	146	60	20	60			153167
10	+/-0.5	16	+/-0.5	3	154	60	20	65		153070	
12,7	+/-0.5	19	+/-0.5	3,15	198	60	20	80	152864	153083	
16	+/-0.8	23	+/-0.8	3,5	275	60	20	110		153096	
19	+/-0.8	26	+/-0.8	3,5	318	60	20	140		153109	153183
25	+/-1.0	33	+/-1.0	4	491	45	15	180		153112	153113