

**PVC universal hoses**



**REFITTEX® 80 BAR (50 BAR)**

**High-pressure hose for water and agricultural chemicals**

**Inner layer:** black PVC  
**Reinforcement:** two polyester braids  
**Outer layer:** Black PVC (red stripe)  
**Operating temperature:** -20°C to +60°C  
 (working pressure dependent on temperature)

Strong, thick, double reinforced flexible hose with a smooth inner surface for water, light chemicals, fungicides, fertilisers and pesticides. Used in agriculture for sprinkling, irrigation, spraying. External layer abrasion, UV and weather resistant. End fittings assembled with collets.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure 20°C [bar]	Bursting pressure 20°C [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
FT-REFITTEX80-08	8	15	3,5	80	240	27	0,160	50,100
FT-REFITTEX80-10	10	18	4	80	240	40	0,222	50,100
FT-REFITTEX80-13	13	23	5	80	240	50	0,357	50,100
FT-REFITTEX80-16	16	26	5	50	150	85	0,415	50
FT-REFITTEX80-19	19	30	5,5	50	150	90	0,532	50

Note: indexes highlighted in colour - most commonly used

Temperature dependence of burst pressure and working pressure for typical PVC hoses	temperature	20°C	30°C	40°C	50°C	60°C	70°C
	pressure	100%	74%	55%	40%	30%	22%



**RP**

**Braid-reinforced universal coloured PVC hose** Inner layer:

transparent PVC  
**Reinforcement:** Polyester braid  
**Outer layer:** blue or red PVC  
**Operating temperature:** -20°C to +55°C (temporarily +65°C)  
 (temperature-dependent working pressure, cold-bending temperature to -45°C)

A high quality multi-purpose flexible hose manufactured in the UK. Suitable for water, air and light chemicals. The hose material is free of phthalates, silicone and cadmium and complies with RoHS and WEEE regulations. In accordance with EU requirements, application to food products is possible after the required migration tests have been carried out using suitable model liquids simulating the food in question (the material used for the hose complies with the requirements of 10/2011/EU and FDA 21). The hose material is self-extinguishing to UL94-V2 and UL94-HB (at a thickness of 3 mm).

index (red)	index (blue)	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure 20°C [bar]	Bursting pressure 20°C [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
CX-RP-06R	CX-RP-06BL	6,35	11,5	2,58	18,3	55	22	0,091	30
CX-RP-08R	CX-RP-08BL	8	13,5	2,75	16,7	50	29	0,116	30
CX-RP-10R	CX-RP-10BL	10	16	3	15	45	37	0,152	30
CX-RP-13R	CX-RP-13BL	12,5	18,5	3	15	45	49	0,181	30
CX-RP-19R	CX-RP-19BL	19	26	3,5	10	30	84	0,307	30

Note: indexes highlighted in colour - most commonly used

Temperature dependence of burst pressure and working pressure for typical PVC hoses	temperature	20°C	30°C	40°C	50°C	60°C	70°C
	pressure	100%	74%	55%	40%	30%	22%