

Tank Roof Drain composite Hose Type 514

Applications

This type is designed for applications requiring a hose with external chemical resistance, e.g.: roof drain or submerged applications, where the hose is on the outside exposed to the product. This type is also suitable for the use of the flexible hose joint (Type 514PIV) in floating roof tanks.



All tank (roof) drain hoses are supplied in fitted lengths. This type can be delivered including lead cable and accessories.

In order to determine the length of the hose make use of the following formula:
 $L = 1.15 \times (H^2 + R^2)$ (L = length of hose, H = height of tank, R = radius of tank).

Technical description

Lining	: Polypropylene
Inner Wire	: Stainless Steel 316
Outer Wire	: SSP514 Stainless Steel 316
Wall	: Thermoplastic and fluoropolymer fabrics, films and tube layers
Cover	: Polypropylene, No marking, White
Temperature range	: -30°C to + 80°C (-22°F to + 176°F)
Electrical properties	: Electrically conductive
Standard	: EN13765:2018, Type 2

Physical properties

Maximum elongation	: 10% on test pressure
Vacuum range	: 0,9 bar

End Fittings

Specially designed end fittings have been developed for use with Amniflex Composite hoses, including threaded ends, flanged ends and other connections. By means of a hydraulic operated press, a ferrule is externally swaged onto the hose to secure the hose shank and guarantee a leak proof connection between hose and fitting. All ferrules are welded to the end fitting before swaging for even safer operating conditions.

Technical data: Type SSP514

Inside Diameter		Working Pressure		Min. Bend Radius		Approx. Weight		Max. length	
inches	mm	psi	bar	inches	mm	lbs/ft	kg/m	ft.	m
2	50	150	10	5½	140	1,20	1,80	65	20
3	80	150	10	9	230	2,50	3,70	65	20
4	100	150	10	15	380	4,40	6,50	65	20
6	150	150	10	18	460	7,00	10,50	79	20
8	200	150	10	27	690	12,00	18,00	50	15

Safety factor acc. to EN 13765:2018

All information in this document is without any obligation, specifications subject to change without any notice.

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