TECHNICAL DATA SHEET · FIRE HOSES

SYNTHETIC 4Z REFLEX

Fire hose, 4-fold twisted warp, fluorescent high visibility jacket, DIN 14811 Class 1, performance level 3

Doc. TDS-SYNTHETIC-4Z-REFLEX
Issued 2026-11-21



Rubber lined layflat fire hose with a fluorescent dyed jacket for high visibility, to DIN 14811 Class 1, performance level 3.

STANDARDS

DIN 14811:2008-01+A3:2018-11

CLASSIFICATION

Class 1, performance level 3 (only in combination with the rubber protective sleeve)

TEMPERATURE RANGE

-30 °C to +100 °C (temporarily higher)

COLOURS

Signal Yellow | Fluorescent Orange

CONSTRUCTION

LINING	Two-layer rubber lining of black SBR rubber with a white NBR bonding layer
FABRIC	100 % high-tenacity polyester, circular woven, warp 4-fold twisted, twill weave
COVER	Fluorescent dyed yarn

TECHNICAL DATA

INNER DIAMETER mm	INNER DIAMETER inch	WEIGHT APPROX. g/m	BURST PRESSURE bar	WORKING PRESSURE* bar	WALL THICKNESS mm	PERFORMANCE LEVEL**
42	1 2/3	248	60	16	1.5	3
52	2	320	60	16	1.6	3
75	3	540	60	16	1.7	3

* Max. recommended working pressure of the hose or of the bound-in coupling, whichever is lower.
** Only in combination with the rubber protective sleeve.

APPLICATIONS

- Fire services
- Armed forces
- Technical relief and civil protection organisations

PROPERTIES

- Abrasion resistant
- Lightweight and flexible
- Resistant to ageing and ozone
- Resistant to oil, petrol and chemicals

All values are approximate and given for guidance only. Technical changes reserved. Before use, check that the product is suitable for the intended application and operating conditions. Current version of this sheet: belgianfiresafety.com