



ELAFLEX Type LPG

Liquefied Petroleum Gas hose

Applications:

As reel hose for entire LPG distribution (from terminal to nozzle), for bulk loading and unloading from ships, rail tankers and road tankers. As reel hose up to max. 80 m. As dispensing hose for vehicle refuelling (also see overleaf) and forklift trucks. Also for carousel bottling systems.

Use with propene (propylene) possible - pricking required. Not suitable for ammonia - for anhydrous ammonia use special type AMX (see page 123). For special operations where the round shape is essential, the type LPGS with stainless steel helix is available on request.

Please Note: marking of LPG 10 (BUTAPAL 10) with longitudinal orange stripe.

Flow medium:

LPG

Marking:

Orange bands every 2,5 mtr.. Continuous, abrasion resistant embossing as specified in the EN standard 1762, as per example above.

Description:

- **Inner lining:** Nitrile rubber (NBR), black, smooth, electrically conductive, low permeation
- **Reinforcements:** Textile braids with two crossed tinned copper strands
- **Cover:** Chloroprene (CR), black, el. conductive, flame and abrasion resistant, ozone, UV and ageing resistant
- **Working pressure up to:** 25 bar
- **Temperature range:** - 40° C up to + 70° C (Special type LPG-LT does not crack down to - 50° C).

Technical data:

INDEX							
nr	mm	mm	bar ¹	bar ¹	bar ¹	aprx. mm	aprx. kg/m
-	10	20	25	40	0,8	70	0,3
LPG 13	13	23	25	40	0,5	80	0,4
LPG 19	19	31	25	40	0,5	100	0,6
LPG 25	25	38	25	40	0,4	150	0,8
LPG 32	32	45	25	40	0,3	175	1,0
LPG 38	38	52	25	40	0,2	200	1,2
LPG 50	50	66	25	40	0,2	250	2,0
LPG 75	75	93	25	40	-	450	3,4
LPG 100	100	118	25	40	-	750	4,3
LPG 150	150	173	25	40	-	1200	7,9
LPG 200	200	236	25	40	-	2000	12,7

1 - Pressure based on room temperature / High pressure and/or temperature lead to reduced component durability.