

Bridge handles

Self-extinguish technopolymer

MATERIAL

Glass-fibre reinforced polyamide based (PA) technopolymer certified self-extinguish UL-94 V0, black colour, matte finish.

STANDARD EXECUTION

Pass-through holes for cylindrical-head screws with hexagon socket.

TECHNICAL DATA

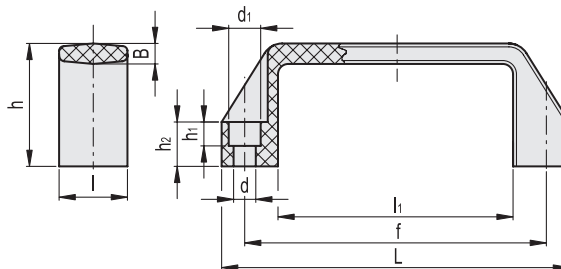
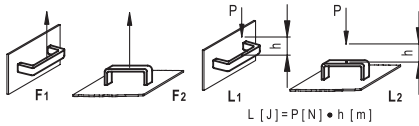
In long-term thermal ageing tests, with a maximum decrease in critical mechanical properties by 50%, the relative temperature index UL 746 B (RTI) was equal to 65.

The "VO" certification in accordance with UL-94 V (Underwriters Laboratories) (see Technical Data on page A5) indicates that on a plastic test sample with specific shape and dimensions, in the vertical position, the flame is extinguished within 10 seconds, without generating any incandescent drops.

Tensile stress and impact strength: F1, F2, L1 and L2 values reported in the table are the result of breaking tests carried out with the appropriate dynamometric equipment under the test conditions shown in the figure with ambient temperature.



ELESA Original design



Code	Description	L	f	d	d1	h	h1	h2	B	l	l1	F1 [N]	F2 [N]	L1 [J]	L2 [J]	⚖️
150001	M.443/110 AE-VO	109	93.5±0.5	6.5	10.5	38	7	13	6	21	74	1750	1700	9	5	28
150012	M.443/140-6 AE-VO	137	117±1	6.5	10.5	41	7	15	7	26	93	3500	2200	10	8	51
150011	M.443/140 AE-VO	137	117±1	8.5	13.5	41	8.5	15	7	26	93	3500	2200	10	8	50
150021	M.443/150 AE-VO	150	132±1	8.5	13.5	45	8.5	16	7	27	108	3000	1800	12	8	55
150031	M.443/200 AE-VO	196	179±1	8.5	13.5	50	8.5	17	7.5	28	151	1400	2100	20	13	80