

CIGWELD

AN ESAB BRAND

SUPRE LANCE THERMIC LANCES & LANCE HANDLES

PRODUCT DATA SHEET



THERMIC LANCES & LANCE HANDLES

FEATURES:

- **Comprehensive Lance Selection:** Wide range of thermic lance diameters and lengths for diverse applications.
- **Multi-Material Cutting Capability:** Effective on ferrous and non-ferrous metals, refractories, concrete, rock, and composite structures.
- **Specialized for Pin Removal:** Ideal for the removal of seized or rusted pins.
- **Precision Piercing and Cutting:** Designed for accurate piercing and cutting operations.
- **Universal Handle Compatibility:** Two leak-tight brass handles accommodate all lance diameters.
- **Simplified Lance Mounting:** Easy mounting procedure ensures a secure, leak-free seal.

BENEFITS:

- **Precision Cutting, Any Size:** Effortlessly cuts through large, thick materials and handles intricate, detailed work.
- **Universal Cutting Solution:** Versatile tool for a wide range of materials and applications.
- **Cost-Effective and Time-Saving:** Reduces expenses and speeds up project completion.
- **Cost-Effective and Time-Saving:** Speeds up project completion and saves costly rework.
- **Safe and Streamlined Operation:** Minimizes setup costs and prioritizes user safety.
- **Safe and Streamlined Operation:** Ensures a safe environment for workers.

OPERATING CONDITIONS:

SAFETY:

1. Always check equipment for leaks before use (check connections with soapy water).
2. Ensure adequate ventilation for operator.
3. Appropriate fire precautions should be taken. Remove flammable materials from the area.
4. Protective clothing must be worn.
5. Oil and grease should be free from the hose, handle, regulator and lances.

TROUBLE SHOOTING:

1. If it won't light, the Oxygen is not turned on or the tip of the lance is not hot enough for ignition.
2. If it won't stay light, the Oxygen pressure is too low or the Oxygen cylinder is empty.
3. If too much blowback, the Oxygen pressure is too high.

RECOMMENDED PRESSURE:

Pressures vary depending on the thickness of material, position of cut, type of material, confined spaces etc. A good starting point is to set the pressure at approximately 420kpa for the 19, 16 & 12.7mm lances and 250kpa for the 10, 7 & 6mm lances.

SUPRE LANCE HANDLE 19, 16 & 12.7mm:

PART NO	DESCRIPTION	FUEL GAS TYPE	CUTTING CAPACITY	HOSE CONNECTIONS	WEIGHT
304336	Supre Lance Handle 19, 16 & 12.7mm	Oxygen	1000mm*	5/8"-18 UNF RH	4.8kg

SUPRE LANCE HANDLE 10, 7 & 6mm:

PART NO	DESCRIPTION	FUEL GAS TYPE	CUTTING CAPACITY	HOSE CONNECTIONS	WEIGHT
304337	Supre Lance Handle 10, 7 & 6mm	Oxygen	300mm*	5/8"-18 UNF RH	1.2kg



*Highly dependent on the Oxygen pressure and type of material

PACKAGING DATA:

PART NO.	DESCRIPTION	DIAMETER mm	LENGTH mm	WEIGHT grams EA	PACKING STYLE	PACKING TUBE SIZE mm	LANCE PER BUNDLE	PRODUCT BAR CODE
335070	Supre Lance Dia 19 x 4500 lg	19	4500	8320	Wire tied bundle	-	5	9310574084827
335071	Supre Lance Dia 19 x 2750 lg	19	2750	5080	Wire tied bundle	-	5	9310574082656
335072	Supre Lance Dia 16 x 2750 lg	16	2750	3344	Wire tied bundle	-	5	9310574082663
335075	Supre Lance Dia 12.7 x 2750 lg	12.7	2750	2121	Wire tied bundle	-	5	9310574080188
335076	Supre Lance Dia 10 x 1000 lg	10	1000	443	Plastic tube in tube	1050x50x40	10	9310574080195
335077	Supre Lance Dia 10 x 500 lg	10	500	221	Plastic tube in tube	550x50x40	10	9310574080201
335078	Supre Lance Dia 7 x 1000 lg	7	1000	226	Plastic tube in tube	1050x50x40	20	9310574080218
335079	Supre Lance Dia 7 x 500 lg	7	500	113	Plastic tube in tube	550x50x40	20	9310574080225
335080	Supre Lance Dia 6 x 1000 lg	6	1000	226	Plastic tube in tube	1050x50x40	20	9310574086678
335081	Supre Lance Dia 6 x 500 lg	6	500	113	Plastic tube in tube	550x50x40	20	9310574086685