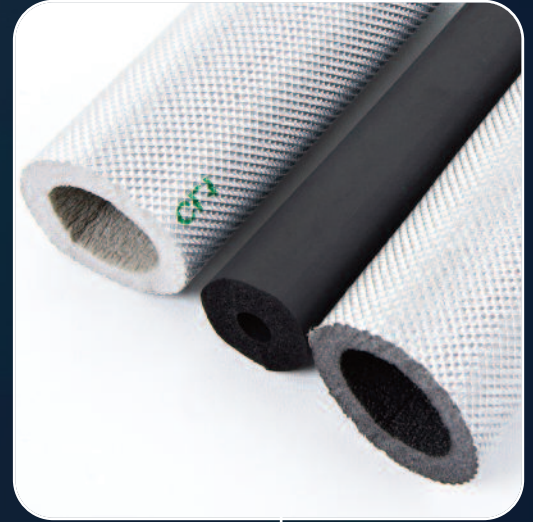


Harp International Limited offers a “basket” of foam blowing agents for manufacturers of a wide range of products including rigid polyurethane (PUR), polyisocyanurate (PIR) and polyethylene insulating foams and foam systems.

- ⓘ Harp® isobutane: flammable, extremely low global warming potential (GWP) hydrocarbon. Ideally suited for low-density polyethylene foam production.
- ⓘ Harp® propane/butane blends: flammable, extremely low global warming potential (GWP) hydrocarbon products. High chemical stability and purity. Ideally suited for polystyrene production.
- ⓘ Harp® pentanes: iso-, n- and cyclo-pentane, flammable blowing agents. Ideally suited for PUR and PIR foam manufacture.
- ⓘ Harp® 134a & Harp® 152a: hydrofluorocarbon foam blowing agents. Harp® 134a is non-flammable under all conditions.
- ⓘ Harp® 365 and Harp® 365/227: low toxicity, hydrofluorocarbon foam blowing agents used in rigid polyurethane foams for thermal insulation. Harp® 365/227 blends are classified as non-flammable.
- ⓘ Solstice™ 1234ze: extremely low global warming potential (GWP), 4th generation hydrofluoro olefin (HFO) foam blowing agent. Solstice™ 1234ze is non-flammable by ASTM E-681, and by EU Test method A11.
















HARP

INTERNATIONAL

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Harp® Foam Blowing Agents

	Harp® AP propane/butane blends	Harp® 134a	Harp® 152a	Solstice™ 1234ze	Harp® 365 and Harp® 365/227	Harp® Isopentane	Harp® n-pentane	Harp® Cyclopentane
25 kg cylinder								
46 kg cylinder								
48 kg cylinder								
62 kg cylinder								
63.5 kg cylinder								
125 kg drum								
150 kg drum								
240 kg drum								
400 kg drum								
719 kg drum								
929 kg drum								
947 kg drum								
Bulk delivery	