

N5 Purge and backing for weld root protection in stainless steels

All gases meet the requirements of N5 (according to ISO14175) shielding gas often specified in many welding procedure specifications (WPS).

N5 NH 5

The classification

The gases in descending order (major to minor component)

The gas % of the mixture excluding the base gas (which is typically Argon)

N: Nitrogen

H: Hydrogen

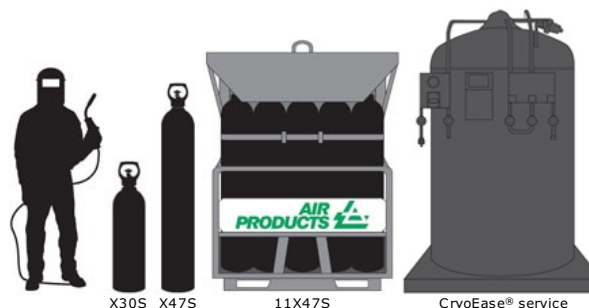
For safety information relating to gases and mixtures, please refer to www.airproducts.com/msds

Standard Products - Cylinders

Product		Reorder Code	Size	Rental Group	Valve	Pressure	Contents
N5NH10	10% H2/N2	14729	X47S	D01	BS4	200Bar	8.79m ³
N5NH15	15% H2/N2	14732	X47S	D01	BS4	200Bar	8.74m ³
N5NH5	5% H2/N2	14740	X47S	D01	BS4	200Bar	8.83m ³
N5NH5	5% H2/N2	500853	X30S	D19	IFO	300Bar	7.77m ³

Standard Products - Packs

Product		Reorder Code	Size	Rental Group	Valve	Pressure	Contents
N5NH5	5% H2/N2	18494	11X47S	D03	BS4	200Bar	97.16m ³



Cylinder and pack specifications

Size	Pressure	Height	Diameter	Depth	Width	Empty Weight	Full Weight
X30S	300Bar	1080mm	230mm	-	-	49.25Kg	58.04Kg
X47S	200Bar	1525mm	230mm	-	-	66.93Kg	76.91Kg
11X47S	200Bar	2203mm	-	1000mm	680mm	1045.53Kg	1155.33Kg

Equipment

Part number (EQ)	Description	Maximum inlet pressure (Bar)	Outlet pressure (bar)	Flow (l/min)	Inlet connection
461340	Integra® flow optimiser	-	-	8	Integra® cylinder
461341	Integra® flow optimiser	-	-	10	Integra® cylinder
461342	Integra® flow optimiser	-	-	12	Integra® cylinder
466786	Multi-stage H2/mix regulator	230	10	1666.67	BS4
464538	Multi-stage H2/mix regulator	230	4	1583.33	BS4

For more information please contact us at:

Air Products PLC
T 0800 389 0202
apukinfo@airproducts.com

tell me more
airproducts.co.uk/welding