



## TECH Loose Wool QN

### Nuclear-quality-designed special loose white glass mineral wool roll

TECH Loose Wool is a non-bonded, resilient white glass mineral wool roll with almost no organic content specially designed to meet the tough requirements of the nuclear power industry for insulation inside the nuclear island. It can be used for insulation of dead spaces, joints or as a basis filling for industrial mattresses. The resilience of the special glass mineral wool fibers will guaranty a longlasting sustainable performance.

The product is designed to be applied on walls of vessels containing cryogenic liquids, as well as allows to insulate inaccessible cavities and confined spaces.



#### NUCLEAR PLANT QUALITY

Especially designed and certified for use in nuclear applications



#### HIGH FLEXIBILITY

Flexible to use non-bonded glass wool for filling of joints and dead spaces



#### LIGHTWEIGHT

Lightweight solution with up to 50% weight savings compared to standard insulation solutions



#### FIRE REACTION

Non-combustible, Euroclass A1 for effective fire protection on industry sites



#### IMPROVED LOGISTICS

Transport and storage savings with up to 80% more material per pallet than standard solutions

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES					STANDARD
Thermal conductivity*	T	[°C]	50	100	150	200	300	- EN 12667
	$\lambda$	[W/(m•K)]	0.038	0.045	0.052	0.062	0.083	

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES					STANDARD
Reaction to fire	-	-	Non combustible; Euroclass A1 Fire Spread Index = 0; Smoke Development Index < 20					EN 13501-1
Chemical behaviour	-	-	Do not contribute to corrosion of stainless steel Produced without addition of silicone Especially designed and certified for use in nuclear applications					ASTM C795/871 -
Application field	-	-	Design Product for use in technical applications, such as inaccessible cavities, complicated confined surfaces or dead spaces Especially designed and certified for use in nuclear applications					-
Material	-	-	Loose glass mineral wool roll without binder With quality marks EUCEB and RAL by the Gütegemeinschaft Mineralwolle e. V., unrisky regarding health according to German decree on dangerous substances, decree on prohibition of chemicals and to regulation EC No 1272/2008 Note Q					CINI 2.1.04
Quality management	-	-	ISOVER is certified according to EN ISO 9001 and EN ISO 14001					EN ISO 9001 EN ISO 14001
Delivery form	-	-	Packaging: Loose wool in bags of 8 kg Please contact your local ISOVER dealer All dimensions require minimum order quantities					-

\* Indicative values for a homogeneous density of around 60 kg/m<sup>3</sup>. Values may vary according to density and stuffing quality.



## www.isover-technical-insulation.com

The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. Please verify whether our products are appropriate for the concrete application. For further information please contact our Isover sales offices. We deliver only according to our terms of trade and terms of delivery.

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