

Assortment for special gas pipes

VDMA 4390	Spezifikation	Description	Gas quality				
			4.0	5.0	5.0 ECD	6.0	7.0
Cu 1	Smoothly copper pipe, SF-Cu-R290, EN 13 348/ Med < 0,2 mg/dm ² rest fat content	Medicin pipe	■	■			
Cu 2	Smoothly copper pipe, SF-Cu-R290 < 0,1 mg/dm ² rest fat content	Pure gas pipe (ECD)	■	■	
ES 1	Smoothly ES-pipe, standard, blank annealed/m tolerance D4/T3	VSR 80	■			
ES 2	Smoothly ES-pipe, FCKW-free, cleaned, C4/T3/Ra-inner 1µm aspired	TCC, CQ	■	■	
ES 3	Smoothly ES-pipe, contamination N 30, D+/-0,07mm/T +/-5%/Ra-inner 0,4µm	Finetron, CQE		■	■	
-	Smoothly ES-pipe, electro polished/spezcal cleaned Ra-inner 0,4-0,8 µm, tolerance as ES 3	EC			■	■
ES 4	Smoothly ES-pipe, contamination N 10, electro-chemical polished D+/-0,007mm/T +/-5%/Ra-inner 0,2µm	Ultron				■	■
-	Smoothly Es-pipe, electro chemical polished, Spec. HE 150, 4VN/D4/T3/Ra-inner <0,25µm	Safetron				■	■

■ acceptable

..... not acceptable